



safety glazing certification council

Jan 1, 2017

certified products directory
safety glazing material used in buildings
visit our website @ sgcc.org

The SGCC® 2017 Fall Meeting

SAVE THE DATE:

1000 Islands Harbor Hotel /
September 19-20, 2017



1000 Islands Harbor Hotel

200 Riverside Drive • Clayton, NY 13624 • (315) 686-1100

<http://www.1000islandsharborhotel.com/>

Located on the St. Lawrence River in the scenic 1000 Islands region of New York

Tentative Meeting Schedule

Monday, September 18th, 2017

Evening SGCC® Board of Directors Dinner (Time & Location TBD) *Board and Guests Only

Tuesday, September 19th, 2017

Morning SGCC® Board of Directors
Afternoon SGCC® Certification Committee Meeting
Evening Reception (Time & Location TBD)

Wednesday, September 20th, 2017

Morning SGCC® Certification Committee Meeting

Final announcement will be released soon!

January 1, 2017

Safety Glazing Certification Council Certified Products Directory (CPD)

Certification Program for safety glazing materials found to be in compliance with one or more of the following specifications:

"American National Standard for Safety Glazing Materials used in Buildings - Safety Performance Specifications and Methods of Test: ANSI Z97.1-2015"

Copies of ANSI Z97.1-2015 may be obtained by calling (212) 642-4900, writing the following address or visiting the following website:

American National Standards Institute
11 W 42nd St., #13th Fl
New York, NY 10036-8002
<http://asc-z97-store.myshopify.com/collections/all>

~ ~ ~

"Consumer Products Safety Commission Safety Standard for Architectural Glazing Materials - at Title 16, Part 1201 of the Code of Federal Regulations: 16 CFR 1201"

Copies of 16 CFR 1201 may be obtained by calling (202) 512-1800, writing the following address or visiting the following website:

Superintendent of Documents
PO Box 371954
Pittsburg, PA 15250-7954
www.access.gpo.gov

SGCC "Record of Compliance Testing" to support a manufacturer's CPSC Certificate of Compliance Testing may be obtained, when authorized by the SGCC licensee, at

<http://www.sgcc.org/Compliance-Testing.aspx>

~ ~ ~

"National Standard of Canada - Tempered or Laminated Safety Glass CAN/CGSB 12.1-M90"

Copies of CAN/CGSB 12.1 may be obtained by calling (613) 238-3222, writing the following address or visiting the following website:

The Secretary
Canadian General Standard Board
Ottawa, Canada K1A 1G6
http://www.techstreet.com/standards/can-cgsb-12-1-m90?product_id=10492

Additional copies of this Certified Products Directory may be obtained by contacting the SGCC® office or by going to our website for a PDF copy

PO Box 730
205 W. Main Street
Sackets Harbor, NY 13685
Phone: (315) 646-2234 Fax (315) 646-2297
staff@amscert.com
Or visit our website @ www.sgcc.org

SGCC® information and guidelines are included in the twice per year printing of the Certified Products Directory, or are available from SGCC® upon request. Re-printing of this information in any other manual, material or document without the written permission of SGCC® is in conflict with the desire of SGCC®, and should not be interpreted as being endorsed by or affiliated with SGCC®.

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~ MEETINGS OF THE CERTIFICATION COMMITTEE ~

The Certification Committee of the Safety Glazing Certification Council meets annually. Minutes of these meetings may be obtained by writing to the Administrative Manager of the Safety Glazing Certification Council (SGCC®) or by visiting the SGCC website at www.sgcc.org

Certification in this directory is current as of the date of issue, however, products may be certified or have certification removed from time to time. For the most current information, please contact the Administrative Manager of SGCC® or visit the SGCC website at www.sgcc.org

Any questions, comments, or requests for copies of this directory should be directed to the Administrative Manager of the Safety Glazing Certification Council:

~ ADMINISTRATION ~

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John G. Kent, Administrative Manager	Kelly Jenness-Dalaba, Administrative Assistant
Katrina Stafford, Program Manager	Sara Connor, Administrative Assistant
Brandy Redder, Administrative Assistant	

~ ROSTER ~

~ SGCC® BOARD OF DIRECTORS ~

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January 1, 2017

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~ Honorary Non-Voting Lifetime Member ~
Mr. Norman Nitschke

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SGCC Certification Committee

Licensee	Primary Member	First Alternate	Second Alternate
A.L. Smith Glass Co. Inc.	Alton L. Smith Jr.	Russel Hardy	
AAG-AI Abbar Architectural Glass	Jean Lelievre	Ezhilenth Narayanan	
AGC Europe	Maaden Schietgat	Vandorpe Matthias	
AGC Flat Glass North America, Inc.	Mark B. Cody	Jon Hughes	
AGNORA (Architectural Glass North America)	Jeff Wilkins		
Aldora Aluminum and Glass Products, Inc.	Manny Valladares		
All Glass (Suqian) Limited	Mr. Billy He	Steven Shung	
All Team Glass & Mirror, Ltd.	Lee Timoll	Joseph Montiano	
Allglass Tempering Inc.	Mariusz Lojowski		
Aluminum Manufacturers Co. Ltd - ALUMATEC	Wassim Hashash		
Aluminum Technology Auxiliary Industries	Suraj Thampi		
American Insulated Glass Inc.	Rick Freeman		
American Shower Door	Edward Perry		
Amsco Windows	Joe Jonely		
Anthony International	Matt Rolek	Don Sokol	
Architectural Glass Products, LLC.	Sharon Gambill		
Arlene Stained Glass & Door	Son Nguyen		
Ascent Glass Products (Zhong Shan) Limited	Yong Jian Huang		
ATI Windows	Stephen Schwartz		
ATN Holding Inc.	Rey Nea		
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Beijing Wuhua Tianbao Glass Co.	Mr. Gao Hongwei	Steven Shung	
Bendheim Wall Systems	Robert Jayson	Michael Tryon	
Berkowitz J. E., LP	James Mooney	Lance Hayes	
Blue Star Glass Inc.	Melida Halkic		
Bronco Industries, Inc.	Bronson Lam		
Cameron Glass, Inc.	John Alajaji	Troy Gillion	
Cardinal IG	Bernie Herron	Rob Grommesh	Oak Moser
Carey Glass	Michael Carew		
Cat-I Manufacturing, Inc.	Ryan O'Connell	Travis Jaynes	
Changshu Hard Glass Co., Ltd.	Yang Rong		
Changshu Weier Glass Products Co. Ltd.	Denise Weier	Denise Lu	
Changshu Xingfu Glass Building Material Co., LTD	Zhong Chun		
Changshu ZhongCheng Building Materials Co., Ltd.	Lisa Lee		
Changshu Zhouxing Glass Co. Ltd.	Xiaodong Qian		
Chicago Tempered Glass, Inc.	Adam Kaczynski		
Classy Glass Specialties Co., Ltd	Wang Hongmei		
ClearEdge Glass	Brian LaBorde		
Cleer Vision Tempered Glass	Tim Widner		
Clinton Glass Company	Kim Stowell	Gregory Stowell	
Columbia Commercial Bldg Prod.	Bob Taylor	Steve Burns	
Comercial Dialum S.A.	Oscar Zavala	Reynaldo Delgado	
Commercial Insulating Glass Co.	Jeff Winsler	Tom Willey	
Consolidated Armor Products, LLC	Paul Sivertson		
Consolidated Glass Corp.	Carl Carmen	Shane Merryman	Louis Merryman
Contour Industries, Inc.	Geoffrey Davis	David Tomlinson	
Contract Glass	Bill Crawford		
Contractors Wardrobe	Jack Violante		
Coral Industries Glass Division	Eric Fleming	Lance Hammond	
Cristec Vipla SL	Jaume Planes Olives		

SGCC Certification Committee

Licensee	Primary Member	First Alternate	Second Alternate
Cuda Glass & Metals	Larry Abramowski		
Custom Glass Products Inc.	Eric Reeder		
Custom Glass Solutions Millbury Corp	Wayne Griffin	Laura Traver	
D3 Glass, LLC	Doug Daubmann		
Dalian Huaying Glass Limited Liability Co.	Stephanie Shi		
Dallas Flat Glass Distributors, Inc.	Tom Holman		
DDG Glass Manufacturing SDN BHD	Paul Nicholas		
Denver Glass Interiors, Inc.	David Uhey		
Deqing Sanxing Plastic Chemical Co. Ltd.	Yang Min		
Diamond Sea Glaze	Mark Chesley		
Dillmeier Enterprise, Inc.	Cody Tran		
Dolphin Glass Specialists, LLC	Jose Prieto		
DongGuan CSG Architectural Glass Co., Ltd.	Yu GuangHui		
Dongguan Dongfa Glass Product Co., Ltd	Shenwen Li		
Dongguan Trillion Aluminum Glass Co., Ltd	David Chia		
Downey Glass Industries, LLC	Hugh Higgins		
Eckelt Glas GmbH	Christian Eckelt		
EFCO Corporation	Tim Fikkert	Jeff Campbell	
EFI	Kenny McCutcheon		
Engineered Glass Products, L.L.C.	Lurania Rollins		
Fairis C.A.	Jorge Jaramillo		
Flat Glass Distributors, Inc.	Doug Lewis		
Flat Glass Group Co., Ltd.	David Wei	Li Chunpeng	
Foshan Gaoming Yaqi Toughened Glass	Mr. Chen Liangwen	Steven Shung	
Foshan NanHai Gangsheng Tempered Glass Factor	Grace Zhou		
Foshan NanHai ZhongKang YiMeiJia Glass Co. Ltd.	Zhiming Zeng		
Fujian Xihe Sanitary Ware Technology Co., Ltd	Hunter Hao		
Galaxy Glass & Stone	Eugene Negrin	John O'Keefe	
Garibaldi Glass Ind. Inc.	Liviu Bocsanu	Nick Meissner	
General Glass	Greg Bakken		
GGI Glass Distributors Corp.	Christina Antunes	David S. Balik	
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Glass Dynamics, Inc.	Conrad Lankford	Mike Lankford	
Glass Enterprises Inc.	Joshua Burg		
GlassFab Tempering Services, Inc.	Brian Frea		
Glasswerks LA, Inc.	Robert Mastrapa		
Glaz-Tech Industries, Inc.	Bill Folino		
Glenny Glass Co.	Braxton Smith		
Global Security Glazing	Mark Johnson		
GnT Glass Co., Ltd.	Hao Bing Tian		
Goldray Industries Ltd.	Cathie Saroka	Mike Saroka	
Guangdong Golden Glass Technologies Limited	Wu Cong Zhen		
Guangdong South Bright Glass Technology Glass C	Fei		
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Guardian IG LLC	Wayne Griffin	Dave Cooper	Mitch Edwards
Guardian Industries Corp.	Wayne Griffin	John Buckner	
Gulf Glass Industries, Co. LTD	Samih Fatayerji	Pascoal Dsilva	
Hanwood Enterprises Limited	Ms. Kamay Chan	Steven Shung	
Hartung Glass Industries	Bruce Butler		
Hoskin & Muir, Inc. dba Cardinal Tempering	Jared Ross	George Rufa	

SGCC Certification Committee

Licensee	Primary Member	First Alternate	Second Alternate
Huachuang Longfei Glass Co., Ltd.	Xu Shida		
Huahui Glass (China) Co., LD	Dong Shui Huang	Wenjun Huang	
Industrial Tempering Glass	Alexander Weinberger		
Inkan Ltd	Kevin Duke	Tom Duke	
Innovative Glass of America, Inc.	Louie Dean		
Insulite Glass Co., Inc.	Larry Vasholz		
Integral Seal Mfg. Inc.	Ben Nayot		
Interglass Corp	Miguel Juliao		
Intex Glass (Xiamen) Co., Ltd.	Andy Yu	Ms. Wendy Zhong	
Intigral	Mark Hutchinson	Ed Hetrick	
Intus Windows LLC	Roland Talalas		
Jiangyin Mingyang Glass Production	Ms. Wang Lijuan	Steven Shung	
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Jin Yao Chang Tempered Glass Co., Ltd	Ms. Li Qiming	Steven Shang	
JM Glass	Mayreni Morales	Jose Morales	
JYC Glass Co. Ltd.	Li Xiang Sheng		
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Kinestral Technologies	Howard Bergh	Gregg Higashi	
Kohler Company	Matt Wright	Doug Glisson	Buddy Thompson
Lamiver Inc.	Martin Cormier	Annie Cormier	
M Industria S.A. DE C.V.	Mauricio Millet Medina	Juan Polanco	Ricardo Tonueyo
M&M Tempering Inc.	Joseph L. Stevens	Jenny Stevens	
M3 Glass Technologies	Chris Mammen		
Maryland Glass & Mirror	Matthew Dalbke		
McGrory Glass	Gary McGrory		
Mega Tempering	Ioannis Mariolis		
Mercer Glass Fab LLC	Don Bielawski		
Midwest Glass Fabricators Inc.	Patrick Iaquito		
Milgard Tempering	Oscar Alarcon	Eric Yarbrough	
Nashville Tempered Glass Corp.	Bernard Bossuah	Richard Paschel	
New Angle Beveling	Marc Martell		
New Century Glass & Aluminum LLC	Jason Cao		
Ningbo XinShuGuang Safety Glass Limited Co., Ltd.	Luo Feng		
NY Tempering LLC	Haidong Weng		
Oldcastle BuildingEnvelope®	Rick Wright	Robert Williams	
Paragon Tempered Glass	Barry DeLong	T. Copsey	
Patio Enclosures	Kent Nusser	Craig Cox	
Pennsylvania Insulating Glass	Tim Wilkins		
Perficom S.A. DE C.V.	Enrique Presa		
PFG Glass Industries	Steve Nielsen		
PG Building Glass Processing	Andrew De Jager		
PGT Industries	Rod Hershberger		
Phoenicia Flat Glass Industries	Mario Resch		
Poma Glass & Specialty Windows Inc. dba AGC Gla	Mark Cody	Dennis Ervin	
PPG Inds. Inc.	Kevin Ramus	Wayne Boor	
Prelco Inc.	Stephane Mercier		
PRESS GLASS SA	Adam Wierzbowski		
PRL Glass Systems	Ruben Gallegos		
Productos De Valor Agregado en Cristal S.A. de C.V	Edgar Valverde Chong	Jaime Guzman Salazar	
Produits Verrier International Inc.	Victor Scherer		
PT Abebersa Pratama	Mahud Halim		

SGCC Certification Committee

Licensee	Primary Member	First Alternate	Second Alternate
Pulp Studio Inc.	Bernard Lax		
Qingdao Apis Glass Industries Co. Ltd.	Henry Hao		
Qingdao Jinjing Co., Ltd.	Pang Gang	Mark Wang	
Qingdao Laurel Enterprise Co., Ltd.	Bruce Jia		
Qinhuangdao Ampac Building Products Co., Ltd.	Gwang H. Park		
Qinhuangdao Detai Tempered Glass Co., Ltd.	Yijing Wang	Cindy Sun	
Qinhuangdao Jingxin Glass Co., Ltd.	Dongsheng Yan	Cindy Sun	
Qinhuangdao Kunping Safety Glass Co. Ltd.	Zhao Ping-Wang		
Qinhuangdao Mingjingyuan Safety Technology Tech	Gavin Pan		
Qinhuangdao Qicaishi Glass Processing Co., Ltd.	Linda Qin	Cindy Sun	
QinHuangDao Tianrui Tempered Technology Glass	Yanjun Zhu	Zhu YanJun	Cheng Yi Bin
Quaker Window Products, Inc.	Curtis Weavers		
Quality Enclosures Tempering, Inc.	Marvin Aguilar		
Quality Glass & Mirror, Inc.	Tom Markowski		
Quest Window Systems	Daniel Zalcman		
Ready Glass & Mirror, Inc.	Silverio Perez		
Reem Emirates Aluminum & Glass	Hamed Hussein		
RF Supply, Inc.	Mike Hoelle		
Rizhao Huaye Glass Co., Ltd.	Alex Yin	Grant Lee	
Robover Inc.	Alain Fortin		
S.F. Tempering	Jorge Ontiveros	Salva Sorka	
SAAND Inc.	Paul Ferguson	Steve Callahan	
SAGE Electrochromics Inc.	Helen Sanders		
Saint Gobain Mexico, S.A. de C.V.	Alberto Boix	Carla Sahagun	
SCHOTT Gemtron - Sweetwater	Bill Long	Jack Francis	
SCHOTT Gemtron (Canada) Corporation	Bill Bartlett	Bruce Busch	
Sfera SRL	Vianello Elio		
Shanghai Yaohua Pilkington Glass Group Co., Ltd.	Dr. Sun Da Hai		
Shanghai Zhenzhen Glassware Co., LTD.	Brian Y. L. Chong		
Shenzhen Kaitai Glass Co. Ltd	Ms. Amanda Ran	Steven Shung	
Shower Doors & More Inc.	Page Giacin	Larry Giacin	
SIGCO, Inc.	David A. McElhinny		
Simonton Windows	Kevin Baker	Chuck Andersen	
Sky Land Tempering Glass Corp	Ricky Zeng		
Solar Seal Company-CT	Luis Ramos	Eric Shaw	
Solar Seal Company-MA	Eric Shaw		
Solar Seal Company-VA	Eric Shaw		
Specialty Glass	David Bazzano	Chris Cotton	
Standard Bent Glass	Timothy Moore		
Stargrup Cam A.S.	Emrah Arslankara		
Sterling Mirror Company, LLC	Michael Kaperst	John King	
Strong Tempering Glass Industry LLC	Mark Chen		
Swift Glass Co., Inc.	Daniel J. Burke	Kathleen B. Schweizer	Charles Burke
Syracuse Glass Co., Inc.	John Dwyer		
Tacoma Glass Mfg. Inc.	Tim Conroy		
Tai Shan City Da Heng Art Glass Ltd.	Liu Woxian		
Tai Sheng (Dong Guan)Glass Co.,Ltd	Zhibing Liu		
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Techni-Glass, Inc.	Pat Murphy	Jason Hooven	
Tecnoglass S.A.	Christian Daes	Diana Lohrer	
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SGCC Certification Committee

Licensee	Primary Member	First Alternate	Second Alternate
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TG Changjiang Glass Co., Ltd	Ms. Chen Mi		
The Original Frameless Shower Door	John Serino		
Thermal Seal Insulating Glass	Ann Oliveira		
Thermo BSL	Pierre-Luc Bellavance	Mario Roy	
Thermoseal Industries, LLC	Richard Chubb	Chris Cerchairo	
Thompson I.G. , LLC.	Dale Houck		
Tianjin CSG Energy Conservation Glass Co., LTD	Zaida Liu		
Tianjin Northglass Industrial Technical Co., Ltd.	Zhang Xue	Anna Wu	
TRACO (Three Rivers Alum)-PA	Frank Hayson		
Tri-Star Glass, Inc.	Tim Kelley		
Triton Glass LLC	Sahaj R. Patel		
Triview Glass Industries	Alex Kastaniuk		
Troy Systems LLC	Ali Guney		
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United Plate Glass Co., Inc.	Darin Vietmeier		
Unitex Glass Chengdu Co., Ltd	Andy Yu	Chen Xinhua	
Upstate Glass Tempering Inc.	David Chavoly	Allen Gottlieb	
Valentini Glass & Components srl	Claudio Valentini		
Vidrio Bisel S.A. de C.V.	Ignacio Flores Suarez		
Vidrios el Castillo SC del RL de CV	Carlos Benet Trad	Gabriel Howerton	
View Inc.	Joe Crouson		
Viracon Inc.	Brian Louks	Don Boutelle	
Virginia Glass Products Corp.	W. Chris Beeler	Rodney Keatts	
Vistamatic	Kevin Roth		
Vitemex	Edgar Alonso de la Cruz		
Vitra Vidrios Transformados SA de CV	Miguel Larach		
Viwinco, Inc.	Michael Duncan	Mr. Kim Hammerschmidt	
W. A. Wilson Inc.	Robert Hartong		
Whalley Glass Co	Mark Vece		
White Aluminium Enterprises L.L.C	Jabr Doshan		
Wholesale Glass Distributors, Inc.	Kevin Boudreaux		
Wisconsin Shower Door & Supply Corp	Chuck Biesik	James Kinsey	
Wolverine Glass Products, Inc.	Terry Foust		
WSD Glass, Inc.	Gary Reece		
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Xianning CSG Energy Conservation Glass Co., LTD.	Ms. Yu Jiao	Steven Shung	
Xinyi Group (Glass) Co. Ltd.	Janette Huang	Ms. Cherry Li	
Yao Xiang Glass Product Co. Ltd.	Mai Yao Dong		
Yong Feng Tai Foshan City Glas Co., LTD.	Aijun Zhong		
Zhangjiagang City Daming Glass Product Co., Ltd	Xiao Ruijuan		
Zhangjiagang Weiyu Fabricated Glass Co. Ltd.	Mr. Xu Zhengdong	Steven Shung	
Zhejiang Zhongli Energy Efficient Glass Mfg. Co., Ltd	Ms. Meng Qingxian	Steven Shung	

SGCC Certification Committee

Licensee	Primary Member	First Alternate	Second Alternate
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Certification Committee Chairman - Mark Cody

Member by virtue of being a director

Public Interest	William Nugent
Public Interest	Elaine Rodman
Public Interest	June Willcott
Public Interest	Peter Weismantle
Glasstech, Inc	Norman Nitschke
Public Interest	Patrick Loughran

January 1, 2017

Revised 10/1/2014

~PROGRAM CONCEPT~

The Safety Glazing Certification Council (SGCC®) is a non-profit corporation, established in 1971 by manufacturers of safety glazing products, building code officials, and others concerned with public safety.

The purpose of SGCC is:

- (a) To promote public safety by encouraging maintenance of the highest standards of excellence in the manufacture of safety glazing materials.
- (b) To encourage and cooperate in developing standards related to other performance characteristics of glazing products.
- (c) To plan, organize, direct, coordinate and maintain a certification program for glazing materials to assure that glazing products meet applicable standards or performance requirements adopted or approved by the Council.

SGCC® maintains a program which provides for the certification of safety glazing materials found to be in compliance with one or more of the following specifications:

American National Standard for Safety Glazing Materials used in Buildings - Safety Performance Specifications and Methods of Test: ANSI Z97.1-2015.

Consumer Product Safety Commission Safety Standard for Architectural Glazing Materials - codified at Title 16, Part 1201 of the Code of Federal Regulations: 16 CFR 1201

National Standard of Canada - Tempered or Laminated Safety Glass: CAN/CGSB 12.1-M90

These specifications subject safety glazing materials, used in buildings and architectural products, to practical tests designed to reduce or eliminate unreasonable risk of death and injury when safety glazing material is broken by human contact.

The specification(s) to which a safety glazing material is certified by SGCC®, is at the direction of the licensee.

SGCC® responsibilities are threefold: to conduct an independent routine sampling and testing program; to approve the form of a licensee's label; and to withdraw the licensee's authority to use that label if certified products do not meet specification(s).

Management and control of SGCC® is vested in a board of directors, half representing industry and half representing the public interest. To prevent industry dominance of SGCC® actions, half the voting power of the board resides in the public interest directors regardless of the number of directors present at a meeting.

The certification program uses approved testing laboratories under the supervision of a qualified Administrator, retained by and responsible to SGCC®, who is unaffiliated with any licensee of safety glazing materials.

The licensee of a product listed in this directory has certified that the labeled material complies with the applicable specification(s). Compliance of a certified product with the applicable specification(s) is checked periodically by an approved testing laboratory under the supervision of SGCC®.

All manufacturers of safety glazing products are eligible and encouraged to apply for SGCC® certification. Products may also be licensed by non-manufacturers. (See "Who Can Become a Licensee") However, products are not certified until a test to the applicable specification(s) conducted at an approved testing laboratory indicates compliance, the SGCC® certification invoice is paid, and SGCC® License Agreements are properly executed.

Once certified by SGCC®, a product is assigned an exclusive certification number to identify it and the plant at which it is made. After which, to ensure continued adherence to the specification(s), SGCC® independently

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selects, at least twice in each year, samples during visits to the manufacturing plant or randomly from the market place to be tested to the applicable specification(s). Consequent to a test result showing compliance with the applicable specification(s) SGCC® authorizes the continued use of the certification number and the product listing in this directory.

This directory is divided into three basic listings: the first is by numerical sequence of certified product numbers listing the licensee holding that number; the second is of manufacturing licensees listed alphabetically by plants and the approved products manufactured at those plants; the third is by product type listing all licensees and locations approved for each product type. The Table of Contents lists various procedural and administrative information, as well as information as to where officers and directors may be located. Upon request, information from SGCC® concerning a statement of procedures or copies of minutes are available to manufacturers, public interest groups, and individuals.

~PROCEDURAL GUIDE~ (SD-07)

FOREWORD

The acceptance of a certified safety glazing material comes from the conviction such certification assures a high level of safety and quality, and that the integrity of the identifying mark or certification label is reliably maintained by a competent certifying agency.

ANSI Z97.1, 16 CFR 1201, and CAN/CGSB 12.1 all provide sound technical basis for a high level of safety. With the addition of independent administration, plus periodic routine sampling and product evaluation, a program of product certification is maintained which provides an independent third-party certification and testing program. The Certification Program described herein is predicated upon the concept of independent and impartial administration of the certification procedures which are incorporated in the SGCC® License Agreement.

The SGCC® License Agreement is the governing document for the operation of the Certification Program. The Procedural Guide, which is not an extension of this document, is for information and guidance and serves to describe administrative procedures and to ensure the uniform and equitable operation of the Certification Program.

GENERAL INFORMATION

THE CERTIFICATION CONCEPT

The SGCC® Certification Program is based on the conviction no standard of safety or quality is good without the continuous adherence of the licensees' certified products to that standard.

To buyers, specifiers, code officials and users, the SGCC® certification label offers the licensee assurance his safety glazing material has been produced in conformance to ANSI Z97.1 and/or 16 CFR 1201 and/or CAN/CGSB 12.1.

Federal law, many state statutes, municipal ordinances, and building codes require glazing materials installed in certain defined locations comply with ANSI Z97.1 and/or 16 CFR 1201 and/or CAN/CGSB 12.1.

WHO CAN BECOME A LICENSEE? (Revised 10/14/2016)

Any manufacturer of safety glazing materials is eligible, on a voluntary basis, to become a licensee. A manufacturer is the entity who fabricates, constructs, treats, or combines glazing materials with other materials to make a final safety glazing material.

WHO CONDUCTS THE PROGRAM?

The Safety Glazing Certification Council, a non-profit corporation, is the sponsor of the Certification Program. SGCC® supervises the Certification Program under which its Administrator periodically checks and reports compliance of the products having the SGCC® certification label with the requirements of ANSI Z97.1 and/or 16 CFR 1201 and/or CAN/CGSB 12.1.

ADMINISTRATION

Administrative Management Systems (AMS), is the independent Administrator of the Certification Program. AMS maintains the SGCC® office of certification and conducts the routine day-to-day business. All transactions are done in the name of SGCC®.

HOW CAN YOU BECOME A LICENSEE?

The following must be accomplished before SGCC® can certify an item of safety glazing material:

- a) (i) The applicant signs the SGCC® License Agreement and emails it to SGCC®. SGCC® will countersign all copies and return one to the applicant. Non-manufacturing applicants must include the location and appropriate signatures of their manufacturer for each location.
(ii) The applicant must complete the SGCC® Application, which includes all of the necessary information for the safety glazing product(s) and return to SGCC®. (Added 7/1/2016)
- b) The applicant directs an SGCC® approved testing laboratory, of its own choosing, to send SGCC® one copy of a valid test report indicating the “initial” or “prototype” samples submitted for testing are in full and complete compliance with ANSI Z97.1 and 16 CFR 1201 and/or CAN/CGSB 12.1. **Test reports are valid for initial certification if the report date is within 60 days.** (Revised 7/1/2016)
- c) The applicant sends to SGCC® the certification fee for each item to be certified. (Revised 11/4/2015)
- d) (Deleted 10/21/07)

Having received all of the above items, SGCC® sends to the licensee the notice of product certification which includes an SGCC® certification number. This number must be incorporated into the permanent label affixed to each piece of certified safety glazing material. The certified item will be listed in the next edition of the Certified Products Directory.

QUALITY ASSURANCE PROGRAM (Revised 10/12/2006)

SGCC® requires licensees to have a working quality assurance program for the fabrication of safety glazing. Compliance to quality assurance requirements will be validated at the first plant inspection after products are certified. Adherence is verified during twice per year plant visits. These requirements were adopted to improve the overall quality of safety glazing products in the program. These requirements are in addition to the ANSI, CPSC and CAN/CGSB 12.1 compliance testing required by the SGCC® certification program. The intent is to enhance the quality of products produced in the interim production periods between test cycles. Although a quality assurance program is a fundamental element of good fabrication practices, only successful testing to ANSI Z97.1, 16 CFR 1201 or CAN/CGSB 12.1 is valid proof of compliance with these standards. A licensee's quality assurance program, as a minimum, must have the following elements:

- 1) A Quality Manual – a document that identifies, describes and contains the workings of the quality system.
- 2) A quality system representative – the designated point of contact for the quality system.
- 3) Production testing:
 - a. Test procedures
 - i. Tempered
 - 1. Center punch test and/or impactor test (For example ANSI Z97.1)
 - ii. Laminated (the following are examples)
 - 1. Pummel test (Recommend contacting interlayer supplier for guidance)
 - 2. Impact and/or boil test (For example ANSI Z97.1)
 - 3. Ball drop test (For example GANA LD 100-06)
 - b. Frequency (as a minimum)
 - i. Tempered
 - 1. First of each product thickness per shift
 - 2. Additional testing based upon square footage produced
 - ii. Laminated
 - 1. Based upon process, products produced and square footage, consult your interlayer supplier for guidance
 - c. Documentation and retention of product testing records as a minimum:
 - i. 10 years

HOW THE CERTIFICATION PROGRAM WORKS

Safety glazing materials must meet or exceed the applicable specification(s) before they can be certified by SGCC®.

All tests are conducted by SGCC® approved testing laboratories. All laboratories, whose test reports are utilized by the Certification Program, shall be approved by the SGCC® Certification Committee. Initial or prototype tests are performed at an approved testing laboratory selected by the licensee. An approved testing laboratory selected with the concurrence of the Administrator by the licensee, tests routine evaluation samples.

ADMINISTRATOR AUTHORIZES CERTIFICATION

As sole judge of compliance with the applicable specification(s), the Administrator authorizes a product, which has been approved to be listed in the Certified Products Directory (CPD).

Licensees label safety glazing material, with the assigned SGCC® number, within the limits of the product size tested. If 34 by 76 inches is the size of the initial or prototype test sample, certification is extended to all sizes and the permanent label contains the letter "U", designating unlimited size. The letter "L" contained within the permanent label denotes certification is limited to the width and length of the initial or prototype test sample.

PRODUCTS LISTED IN CERTIFIED PRODUCTS DIRECTORY (Revised 10/14/2016)

Approved products are listed in a Certified Products Directory (CPD). The directory is published every six months and is sent to door, sash and building products manufacturers, glazing contractors, home builders, architects, regulatory agencies, code-making groups, etc. Directory listings contain the licensee's name, plant location, and product description of safety glazing material certified by SGCC®.

The Administrator selects, at least twice in each year, samples of certified safety glazing material to be tested to the applicable specification(s). These samples are selected during visits to the manufacturing plant or from the market place.

COMPLIANCE SAFEGUARDS

HOW IS COMPLIANCE ASSURED (Revised 11/4/2015)

Any certified product determined, in the course of routine sampling and evaluation, not in compliance with the applicable test specification(s), is upon first failure, subject to the retest requirements of guideline G.11. Should the G.11 retest fail to comply, the product shall be subject to the removal of certification. After the 2nd consecutive failure, the licensee is given 7 days in which to demonstrate to the satisfaction of the Administrator compliance, and if not, certification is automatically withdrawn at the end of the 7-day period.

When any program, audit or quality assurance requirements are found to be in non-compliance, the licensee is sent a request for corrective action giving 30 days in which to demonstrate to the satisfaction of the administrator, compliance with requirements. If the licensee does not respond, a warning of possible removal of authorization to use the SGCC® permanent label is sent giving an additional 30 days to respond. If the licensee does not respond acceptably, authorization to use the SGCC® permanent label is **automatically terminated** at the end of the second 30 day period. (Revised 11/4/2015)

CHALLENGING A CERTIFIED PRODUCT (Deleted 10/1/2014)

COMPLAINTS AND/OR APPEALING A CERTIFIED PRODUCT (11/03/2015)

Negative feedback, from any source, on any aspect of the certification program or program administration that requires a response will be deemed a Complaint that requires a response. A complaint that challenges the conformance of any safety glazing product to program requirements shall be deemed an Appeal, whether by a licensee or by a consumer or other third party. Complaints or Appeals must be in writing and are first handled by the Administrator following the below procedure:

- 1) Complaints and Appeals are logged for tracking.
- 2) Notification of receipt and of the Complaint and Appeal process is sent to the initiating party.
- 3) Information from all involved parties is gathered.
- 4) All information is reviewed and a determination is made by the Administrator.

- 5) Notification is sent to all involved parties of the outcome.
- 6) All Complaints and Appeals are reviewed in a timely fashion and once resolved are marked as such.

To help determine how to best handle a Complaint or Appeal, they may be categorized by the type of party initiating the Complaint or Appeal, either from a Business (i.e., licensee, competitor, or industry party), Consumer (i.e. end user or retailer), or Program Participant (i.e. participant, supplier, or licensee). The Administrator will discuss and work with the initiating party to determine coverage of costs associated with handling the Complaint or Appeal (this can be waived at the discretion of the Administrator or SGCC President). Once costs are agreed upon, the Administrator will investigate and make a determination. If the Administrator's determination is in favor of the complainant or appellant, then any costs associated will be borne by the involved licensee, SGCC, or the Administrator. If the Administrator disagrees with the complainant or appellant, then the initiating party is responsible for any costs.

Determinations by the Administrator can be contested and if they are, the matter will be sent to the SGCC Quick Action Committee for determination. If the Quick Action Committee's determination is contested, then the matter is sent to the Certification Committee for final determination and resolution. No further appeal is permitted from the decision of the Certification Committee.

WITHDRAWAL OF CERTIFIED PRODUCT

Any product which has been certified by SGCC®, may be voluntarily withdrawn from the Certification Program by a licensee at any time.

COSTS

WHAT DOES THE PROGRAM COST?

The licensee pays, in advance, all projected fees for future routine evaluations to SGCC® on a six-month basis. A licensee is invoiced for each certified item separately listed in the Certified Products Directory.

The certification period is from January 1 - June 30 or July 1 - December 31. The licensee's initial invoice will be determined by the payment schedule as is listed below. All subsequent invoices will be for a full certification period.

<u>DATE</u>	<u>ADMINISTRATIVE/BUSINESS ACCOUNT FEE</u>	<u>TEST FEE</u>
January 1 - March 31	100%	None
April 1 - June 30	50%	None
July 1 - September 30	100%	None
October 1 - December 31	50%	None

Test reports are valid for initial certification if the **report date is within 60 days**. (Revised 11/4/2015)

Initial certification during the first three months of the initial six-month period will require a selection in the first three months of the following six-month certification period.

CERTIFICATION PROGRAM DOCUMENTS AND AGREEMENTS

LICENSE AGREEMENT

This agreement, incorporating independent program administration and routine periodic independent sampling and evaluation, governs the relationship between SGCC® and the licensee.

Future amendments or revisions to the License Agreement will be recommended by the SGCC® Certification Committee and enacted by the SGCC® Board of Directors.

EFFECTIVE DATE, DURATION AND TERMINATION

The License Agreement, effective from the date of its execution, has a validity of six months (adjustable to a January 1 to June 30 or a July 1 to December 31 basis) and, unless revoked by SGCC® for causes set forth in the document, is automatically renewed for successive additional periods of six months, unless either party gives notice at least 60 days prior to the date of expiration that cancellation is requested.

Upon its proper execution and acceptance by SGCC®, the Pre-issued Certification Number Bond (SD-06) informs a licensee of the certification number of an item to be certified in the future. If the licensee marks production with the certification number prior to actual certification, the bond is forfeited to SGCC®.

Upon its proper execution and acceptance by SGCC®, the test release bond permits the continuation of certification of an item when production facilities are shut down. If the licensee does not notify SGCC® within one week of the resumption of production, the bond is forfeited to SGCC®.

ADMINISTRATIVE SERVICE AGREEMENT

This agreement entered into by SGCC® and AMS governs the relationship between SGCC® and AMS, the independent Administrator. In general, it provides that the Administrator

- a) samples certified products routinely;
- b) has the right to witness any and all testing required by the program;
- c) reviews all test reports in order to determine compliance of the certified product with the applicable specification(s);
- d) inspects and approves all in-plant and test laboratory test facilities for use in this Certification Program (test laboratories are approved by the SGCC® Certification Committee);
- e) publishes (hard copy and/or electronic) the SGCC® Certified Products Directory on or about January 1 and July 1 of each year;
- f) handles all routine clerical duties of SGCC® with respect to certification matters;
- g) acts as SGCC® treasurer, invoices licensees, maintains a bank account, and disburses funds (fiscal reports are made to the SGCC® Certification Committee);
- h) furnishes all testing, except for initial or prototype tests;
- i) attends all scheduled meetings of the SGCC® Certification Committee; and
- j) in all of its actions, acts in the name of SGCC®.

CERTIFIED PRODUCTS DIRECTORY

This directory contains a listing of the certified safety glazing materials of each licensee.

CERTIFICATION LABEL

The certification label, containing a number that refers to the listing in the Certified Products Directory, is permanently affixed to each piece of certified safety glazing material by the licensee. The listing in the directory provides a complete product description including licensee's name, location, etc.

PROGRAM RESPONSIBILITY

The SGCC® Board of Directors has overall responsibility for the well being and acceptance of the Certification Program by industry, building officials and the public. It also bears corporate legal responsibility.

The SGCC® Certification Committee has the responsibility for the general procedure and policy pertaining to the conduct of the Certification Program. As a part thereof, it:

- a) establishes certification "guidelines";
- b) determines, where a question is raised by a licensee or the Administrator, the applicability of the specification(s) in specific situations;
- c) approves testing laboratories;
- d) determines which specifications are to be designated effective for the purposes of product certification and the date or dates on which they become effective; and
- e) recommends to the SGCC® Board of Directors changes to be made in the license agreement.

CERTIFICATION GUIDELINES AND INTERPRETATIONS

For guidance in certifying safety glazing materials, the SGCC® Certification Committee has adopted the following:

GENERAL

G.1

Participation in the Certification Program will be on a January 1 to June 30 and July 1 to December 31 basis.

G.2

Tests for initial compliance of safety glazing materials to ANSI Z97.1 / 16 CFR 1201 plus CAN/CGSB 12.1 will be accepted from any testing laboratory approved by the SGCC® Certification Committee. (Revised 7/1/2016)

G.3 (Deleted 11/4/2015)

G. 4

For insulating glass units to be considered safety glazing material, each lite in the construction must be of safety glazing material.

G.5

The SGCC® item number, when used as part of a permanent label, designates the name of the licensee (participant) and also the location of the manufacturing plant.

G.6

- a) All test specimens, except prototype samples, must be marked with the correct SGCC® permanent label prior to testing in order to be considered a valid sample. It is the responsibility of the licensee to ensure the specimens being represented to the Administrator's representative are properly labeled. The Administrator shall construe the absence of a correct permanent label as a failure to comply with the specifications. In such case of noncompliance, Sections a and c of G.11 shall be followed. (Revised 3/16/1990, updated 10/2/2014)
- b) The laboratory shall verify that the label complies with SGCC® labeling requirements. (Revised 10/15/2008)
- c) The testing laboratory is to advise the Administrator of any specimen to which the correct SGCC® permanent label is not affixed. The testing laboratory will be instructed by the Administrator not to test but hold the sample.
- d) The Administrator will inform the licensee of the situation and direct (by letter) the testing laboratory to commence testing no later than 30 days hence. Although this set of samples will already be considered as noncompliant with label requirements, test specification testing will still occur for information only, unless otherwise requested not to be tested by the licensee. Until that time, the testing laboratory is instructed to make these specimens available to the licensee at their convenience (the specimens are to remain at the testing laboratory) in order that the licensee may point out or

show them that in fact the SGCC® permanent label is correct or agree that in fact the correct SGCC® permanent label is not present. In cases of any dispute between the licensee and the testing laboratory the decision of the Administrator shall be final. The licensee shall not mark specimens after receipt at the testing laboratory.

- e) Effective with the last of 2016 (L16) certification period, the SGCC® permanent label must contain ANSI Z97.1-2015 in order to be considered a correct permanent label for purposes of Guideline G.6. (Revised 7/1/2016)

G.7 (ANSI ONLY)

Safety glazing materials for which certification is requested for indoor use only shall be subjected to the provisions of section 5.1 (impact tests) and 5.4.3 (aging tests) of ANSI Z97.1 irrespective of the composition or construction of the glazing material. Like products and materials produced in the same manner as samples submitted for test shall be legibly and permanently marked in one corner with the words "Indoor Use Only" and the SGCC® identification number.

G.8 (Deleted 4/29/2010)

G. 9 (Deleted 7/1/2016)

G.10

In cases where the Administrator samples and identifies specimens for routine evaluation of the licensee's premises or requests licensee's samples when none are available at the time of sampling:

- a) The licensee is permitted six (6) weeks in which to effect delivery of said specimens to the Administrator's designated testing laboratory.
- b) Failure to act as specified above shall be construed by the Administrator as failure of said specimens to comply with the specifications and the Administrator shall act as provided for in license agreement A.6.

G.11 (Revised 10/2/2014)

In cases where a routine evaluation sample fails to comply with the specifications:

- a) Written notice and an invoice shall be sent to the licensee by the Administrator stating that within 30 days from the date of such notice the licensee must submit a retest (RT) sample to the testing laboratory selected by the licensee with the concurrence of the Administrator.

Certification shall be removed if the sample and payment are not received within the allotted 30 days or if the sample submitted fails to comply with the specifications.

- b) All costs related to G.11 are to be borne by the licensee.
- c) If the retest procedure is required, all routine inspections and sample selections will continue. However, routine testing for the next period will be suspended pending the outcome of the retest procedure. If the product is decertified, the prepaid fee for routine testing for the next period (but not the Administrative and Contingency fees) will be refunded.

G.12

If a licensee who manufactures or contracts for the manufacture of a certified product outside the United States and Canada feels that in a particular instance that he will be unable to act as provided for in paragraph (a) of SGCC® Guideline G.11, he should notify the Administrator. The Administrator will then contact the chairman of the certification committee for a decision as to what action is to be taken.

G.13 (Deleted 5/6/1999)

G.14

January 1, 2017

The semi-annual invoicing date for certification fees shall be April 1 and October 1 of each year and the Administrator is instructed to take those steps necessary to remove certification from licensees for failure of payment. (Modified 10/20/1989)

The Administrator shall initiate de-certification procedures on products for a given licensee's failure to pay any monies due to SGCC® within 60 days of invoice date. (Reference License Agreement A.2, A.7, A.12, and B.6.)

The invoice procedures will be as follows:

- a) Semi-Annual SGCC® invoices will be mailed/emailed on or before April 1 and October 1 of each year. Payment is due May 1 and November 1 respectively.
- b) For all overdue invoices, as of May 1 and November 1, a phone call will be made as a reminder and to ensure that the licensee received the invoice. A letter will follow the phone call.
- c) For all overdue invoices, as of May 15 and November 15, an overnight letter, return receipt requested, will be sent warning of de-certification if payment is not received within 15 days.
- d) Letters of de-certification will be sent certified mail fifteen (15) days from the mailing of the overnight letter if payment is not received. With de-certification, a licensee will no longer be an SGCC® participant and its certified products will not appear in the CPD.

G.15 (Deleted 10/2/2014)

G.16

The nominal thickness designations in SGCC® authorized permanent labels for safety glazing materials may be shown in metric units. The thickness will be expressed in millimeters, limited to one decimal place, and will have the suffix "mm." (Revised 4/19/2004)

G.17 (Deleted 7/1/2016)

G.18

Certified and permanently labeled safety glazing materials such as laminated glass, wired glass, rigid plastic, or organic coated glass, may be cut into smaller pieces by a distributor or installer after manufacture and it is not practical for each smaller piece to bear a manufacturer's permanent label when finally installed in a building. When this is the case, the distributor or installer shall apply a permanent label to each piece which states his name and certifies that he cut the piece from material that was properly labeled in accordance with the requirements of SGCC® (refer to "SGCC® Label Requirements" for additional information). (Revised 10/25/2001) For the purpose of this guideline, a permanent label is defined as one that will remain permanently legible and would be destroyed in attempts to remove it from the product.

G.19 (Deleted 10/20/1989)

G.20 (Deleted 4/26/2007)

G.21

A pre-issued SGCC® certification number shall be issued by the Administrator upon receipt of a properly executed License Agreement and a properly executed *New Licensee Application & Pre-Issued Number Form (SD-06)* (application). The application must be completed for any new safety glazing product(s) (prototype) the fabricator submits for testing. If the fabricator requests pre-issued certification number(s) and does so with the understanding that these numbers (SGCC Mark/label) will not be applied to any product(s) until authorization to do so by SGCC®. The fabricator will not be authorized to use the number(s) until testing, final approval and formal certification is complete. (Revised 7/1/2016)

G.22

In the case of plastics and organic coated glass certification of a patterned product may be extended to cover other patterns provided:

January 1, 2017

- a) The nominal thickness of the proposed alternate and all aspects other than pattern are the same as the certified product.
- b) The Administrator of the certification program is provided with a copy of a prototype test from an approved laboratory, showing satisfactory compliance with the impact requirements of ANSI Z97.1 for each alternate pattern proposed.
- c) The certification committee is provided with a 6 inch by 6 inch sample of each proposed alternate for its record and file. This must be sent to the Administrator of the certification program.

After admission under blanket certification covering patterned products, any such patterns available may be selected by the Administrator for routine sampling and testing.

In the case where a routine evaluation sample covered under a blanket certification fails to comply with the specifications, the situation requires that the particular product be submitted for the retest (RT) sample required by Guideline G.11. (Revised 7/1/2016)

G.23

There may be instances when a production facility is temporarily inoperative. This could be caused by, but not limited to, equipment repair or replacement, labor difficulties, energy or material shortages, or economic considerations. As a consequence, samples for routine testing may not be available for long periods. The licensee may desire to retain certification during the shutdown period. This shall be done as follows:

- a) Prior to or within two (2) weeks after the shutdown, the licensee shall inform the SGCC® Administrator in writing.
- b) The SGCC® Administrator will immediately supply the licensee with test release bond forms for submission by the licensee. A separate bond shall be submitted for each certified product affected.
- c) Within two (2) weeks after receipt of the bond forms, the licensee shall submit them to the SGCC® Administrator.
- d) During the period covered by the bond the licensee shall retain certification, contingent upon payment of normal certification fees and meeting all other licensee obligations. Bonds will be for a specific certification period and will expire at the end of that certification period but may be renewed by the licensee any number of times. Renewal is an obligation of the licensee and requires all steps listed herein. (Revised 10/25/2001)
- e) Within one (1) week after re-activation of the production facility the licensee shall 1) notify the SGCC® Administrator in writing, and 2) submit samples from the first weeks production to an SGCC® approved laboratory for testing. In cases where more than one certified product is produced with the same equipment, samples of each must be furnished for testing within the first month. These will be considered as the routine samples for retesting for the six months period during which they are submitted.
- f) Failure of the licensee to comply with any of the preceding shall be the basis for removal of certification from the affected products.

G. 24

When a licensee's production equipment will not produce a size of 34 inches by 76 inches and the licensee wishes to certify a) a size whose smaller dimension exceeds 34 inches, material shall be tested whose smaller dimension is 34 inches, or b) a size whose larger dimension exceeds 76 inches, material shall be tested whose larger dimension is 76 inches.

G.25 (Deleted 7/1/2016)

G.26

Any label that can be removed intact shall not be considered permanent and is not acceptable to SGCC®.

G. 27

A licensee at time of prototype submission should determine if certification shall be for ANSI / CPSC (Composite) OR Composite plus CAN/CGSB 12.1 (COMP+CAN). The licensee shall be issued only one SGCC® number for composite certification for each product. The licensee will submit four (4) samples to be impact tested to ANSI Z97.1 and CAN/CGSB 12.1 (for all specimens that are not symmetrical from surface to surface an equal number of specimens shall be impacted on each side). If any one specimen of the composite sample fails, the entire composite sample will be considered to have failed to comply with the standards. (Revised 7/1/2016)

G. 28

The Administrator shall construe noncompliance with thickness tolerance as a failure to comply with the specifications. In such cases of noncompliance, Sections a, b and c of G.11 shall be followed. (Revised 10/2/2014)

G. 29

For the purposes of certification, the thickness requirements of Standard ASTM C1036, CEN or other nationally or internationally recognized thickness specifications shall apply. In all cases label information must be accurate for the nominal thickness of the applicable Standard. An indicator shall be used to identify Standards other than ASTM C1036 (e.g., EN for European Norm). If no indicator is used, the product will be assumed to comply with ASTM C1036. (Revised 10/15/2008) (See *Certified Products Key*)

G. 30 (Deleted 10/5/2004)

G.31 (Deleted 10/5/2004)

G.32 (Deleted 7/1/2016)

G.33

If a manufacturing plant for which a product is certified is sold, the new owner or licensee must take the following steps to maintain certification:

- a) Notify the Administrator in writing of the sale as soon as possible (and in no event later than 60 days) after the sale;
- b) Execute a new license agreement, if the new owner is not already a licensee; and
- c) Exercise the option of maintaining the original licensee's SGCC® number(s) or requesting new numbers. If the new owner chooses to keep the existing number(s), the logo on the certified product must clearly distinguish it from the previous owners.

The Administrator shall arrange for the next routine sampling to take place within six (6) months of the sale. If the plant is temporarily inoperative in connection with the sale, the provisions of G.23 shall also apply.

G.34

Samples of any shape or shape altering process such as notches or holes shall be covered by the certification of the base rectangular product. Certification to "U" unlimited size may be any size. Certification to "L" limited size requires that the shape must fit within the outline of the largest certified size. (Added 4/26/2007)

TEMPERED TRANSPARENT GLASS

T.1

Certification of either flat glass or patterned glass will not cover the other except as noted in Guideline T.2. (Flat glass designates ground and polished plate, float and sheet glass.) (Revised 7/1/2016)

T.2

Polished plate glass and the rough glass blank from which it is produced will be considered to be of equal nominal thickness. Certification of tempered flat glass will therefore be interpreted as including tempered rough plate blank.

T.3

Certification of regular tempered glass will also cover tinted, heat absorbing, and coated glasses of the same nominal thickness where the coating does not alter substantially the post-breakage behavior of the glass substrate. A "substantial alteration" is one that would render the coated tempered glass in non-conformance with the applicable safety glazing standards. Glasses of the same nominal thickness with a ceramic or other material applied as a continuous or partial coating to one or more surfaces are also covered. (Modified 04/02/1992)

T.4

In cases where certified glass is normally not available for sampling, the licensee may make an overrun (of four lights of prototype size that are to be marked with the date of production) when the item is in normal production, and these will be accepted by the Administrator if other samples are not available. Otherwise, when production samples are not available, the Administrator shall notify the licensee to submit prototype size samples to the Administrator within six (6) weeks.

T.5

Certification of any nominal thickness of tempered safety float or sheet glass will also cover the other types. ANSI Z97.1, 16 CFR 1201 and CAN/CGSB 12.1 do not require the permanent label on tempered safety glass to specify which type of glass is used. Nor is it required that the test specimens be identified in this regard. (Revised 10/10/2012)

T.6

Bent Glass shall be certified separately from flat glass. Bent glass test methods shall be the same as for flat sample testing except as referenced in the text and figures of the ANSI Z97.1 standard. Interpretation of results shall be the same. (Revised 10/21/2005)

T.7

For purposes of impact test evaluation when breakage occurs, the average thickness of a tempered glass specimen containing grooves, bevels and other thickness altering fabrication shall be considered the average of the thinnest measurement of each of the ten (10) geometrically largest particles. This average thickness will then be used to determine the maximum allowable weight of the ten (10) largest particles. Upon successful completion of testing the thickness for the specimen shall be listed in the CPD as the thickness of the non-fabricated base glass. SGCC® views glue chip, beveling, and grooving as a fabrication process prior to tempering, and as such is not certified separately from the base glass thickness. (Example: Certification of 3/16" TTG would also cover 3/16" glue chip or beveled product.) (Revised 10/01/2002)

TEMPERED PATTERNED GLASS

TP. 1

For the purposes of certification, the nominal thickness of patterned, figured, or rough rolled glass are the common fractions found in ASTM C1036 or other nationally or internationally recognized thickness standards and the thickness should be measured in accordance with the procedure as described in ASTM C1036, current revision. The permanent label must contain this fraction on a metric or decimal dimension within the tolerance of this thickness as published in ASTM C1036 or other nationally or internationally recognized thickness standards. (Revised 7/1/2016)

The patterns in each thickness will be classified as to the ratio of minimum to maximum thickness as follows:

Patterned Depth Class	Ratio
Shallow patterned glass	0.90 or above
Medium patterned glass	0.80 through 0.89
Deep patterned glass	0.79 or below

Certification will be by nominal thickness and patterned depth class. Any pattern in a certified thickness and patterned depth class is certified.

New or unlisted patterns must be submitted to the pattern subcommittee for classification and file prior to certification. After measurement, the new pattern will be assigned to a patterned depth class. (See *Classified Tempered Glass Patterns Key* table in this directory).

Certification of deep also covers medium and shallow patterns of the same nominal thickness.

Certification of medium also covers shallow patterns of the same nominal thickness.

TP. 2

The maximum thickness shall be recorded when measuring the thickness of patterned glass.

TP.3

For tempered patterned glass, one (1) specimen must be weighed and the weight of ten (10) square inches determined from the weight, width and height of that specimen to use for test purposes.

TP.4 (Deleted 10/5/2004)

TP.5

When medium patterned glass is not available for routine sampling, the licensee submitted specimens must be a medium pattern (a shallow pattern is not acceptable).

TP.6

When deep patterned glass is not available for routine sampling, the licensee submitted specimens must be a deep pattern (shallow or medium patterns are not acceptable).

Laminated Glass

For the initial certification of Laminated Glass, testing must be performed on each nominal thickness of at least one brand of each generic category of interlayer material for which SGCC® certification is desired. Ongoing certification shall be by two thickness classes (S=Standard (<0.292 inches) and H=Heavy (0.292 inches and greater)) and per generic category of interlayer. A list of accepted interlayer brands per generic category shall be maintained by SGCC® (SGCC® List of Accepted Interlayers can be found at www.sgcc.org) Certification to one brand within the generic category will allow switching to other brands within the generic category on the list. (see "SGCC® Proposal for the Certification of Laminated Glass" dated November 5, 2007 available at www.sgcc.org) (Added 4/2/2008)

L.1

Certification of clear laminated glass will also cover tinted, heat absorbing, and coated glasses, clear or tinted interlayer, flat, patterned, and bent laminates of the same nominal thickness. (Revised 10/14/2016)

L.2

In cases where certified laminated glass is normally not available for sampling, the licensee may make an overrun (of four lights of prototype size that are to be marked with the date of production) when the item is in normal production and these will be accepted by the Administrator if other samples are not available. Otherwise, when production samples are not available, the Administrator shall notify the licensee to submit prototype size samples to the Administrator within six weeks.

L.3 (Deleted 4/2/2008)

L.4

When a laminated glass is certified, other laminated glasses of the same nominal thickness having a greater thickness of interlayer will be included in the certification. (Revised 4/2/2008)

L.5

Laminated safety glass shall be identified by type of base glass, per Guideline L.8, and certified in 1 of 3 product type codes (A, HS, T). In consideration of Guideline L.1, Laminated Transparent Glass (LTG) is defined as 2 or more lites of glass with the same family of polymer (interlayer(s)) between the lites. Laminated Patterned glass (LPG) shall be defined the same as LTG except that at least one lite shall be patterned glass.

Laminated Specialty Product (LSP) shall be defined as 2 or more lites of glass or other material with multiple interlayers, same or different family, with an insert (other layer of sheeting or non-continuous material) encapsulated in between the interlayers. For LSP, changes in material of plies or insert and changes in thickness of insert shall require separate certification. Changes in coatings, color or decorative pattern shall be included in the same certification. (Revised 10/2/2014)

L .6

Thickness of the interlayer shall be measured by the SGCC® standard method. (Revised 4/2/2008)

L .7

Nominal thickness for laminated glass has been expanded from standard ASTM C1036 values to eliminate "gaps" in ranges. For certification purposes, the following thickness tolerances shall be used. Thickness tolerance shall apply only to the overall thickness. Interlayer thickness shall be reported. The reported value shall be used to determine "nominal" thickness of the interlayer, with a maximum allowable minus tolerance of 0.005 inches. (Revised 11/4/2015)

mm	Traditional (in)	Range (in)
3.0	1/8	0.115 – 0.148
4.0	5/32	0.149 – 0.179
5.0	3/16	0.180 – 0.218
6.0	1/4	0.219 – 0.291
8.0	5/16	0.292 – 0.354
10.0	3/8	0.355 – 0.468
12.0	1/2	0.469 – 0.594
16.0	5/8	0.595 – and greater

L.8

Laminated glass shall be certified by its base glass heat treating (A= annealed, HS= heat strengthened, T= tempered). When a laminated annealed glass (A) is tested and certified, other laminated glasses having the same nominal thickness or thicknesses of heat strengthened (HS) or tempered glass (T) and the same or greater thickness of interlayer of the same generic category will be considered to be included in the certification. Testing of heat strengthened (HS) will only certify heat strengthened (HS) and tempered (T). Testing of tempered (T) will only certify tempered (T). (Revised 9/17/2013)

L.9

When laminated glass is not available for routine sampling, the licensee submitted specimens must contain the identical nominal thickness interlayer that was contained in the prototype specimens. (Revised 4/2/2008)

L.10

For certification to ANSI Z97.1, weathering tests on laminated glasses shall be performed on the thinnest construction of all components in clear glass with clear interlayer. Weathering tests shall only be required initially. Weathering data will be accepted from the glass fabricator, or a supplier, i.e. interlayer manufacturer. Since SGCC's acceptance of weathering data is a "one-time" event, no formal weathering lab approval will be required. However, at time of weathering data submittal, the weathering test facility shall submit an explanation why they are competent to perform such tests. Justification of competence shall be judged on any facility's history and experience. (Revised 1/30/2012)

L.11

An SGCC® certified participant may use any interlayer supplier on the SGCC® Accepted interlayer List of the same generic category. (Added 4/2/2008)

SGCC LIST OF ACCEPTED INTERLAYERS (SD-99)

Generic Code	Description	Generic Code	Description	<i>In order for a laminated glass product to become or remain SGCC Certified, the interlayer used by the manufacturer must be on this list.</i>
(b)	Poly Vinyl Butral	(p)	Polyethylene Terephthalate	L.4 When a laminated glass is certified, other laminated glasses of the same nominal thickness having a greater thickness of interlayer will be included in the certification.
(ip)	Ionoplast	(f)	Fluorinated Ethylene Propylene	
(lc)	Liquid Resin - Multi Component	(u)	Polyurethane	
(lu)	Liquid Resin - UV Cure	(ev)	Ethylene-Vinyl Acetate	
(el)	Epoxy-Liquid Crystal Polymer	<i>All interlayers must have weathering test data on file. Outdoor use may be tested to ANSI Z97.1-2009 or 2015 and Indoor use only must be tested to ANSI Z97.1-2015 weathering data. <u>All Indoor use only products must submit Indoor Use Only Weathering requirements to ANSI Z97.1-2015 by 12/31/2016 to maintain approval on this list. Interlayer suppliers not providing weathering data to SGCC by 12/31/16, will no longer be available for manufacturers to use in SGCC certified products. (7/1/16)</u></i>		
Generic Code	Supplier	Interlayer Brand	Interlayer Formulations	Weathering Data
(b)	Eastman Chemical Company (formerly Solutia)	Saflex IIIG/Vanceva	Series A, C, D, F, H, M, N, P, R, S, W	Solutia Report 8/11
(b)	Eastman Chemical Company (formerly Solutia)	Saflex Specialty	Saflex Q, AG, DB/DS	Solutia Report 8/11
(b)	Eastman Chemical Company (formerly Solutia)	Saflex Composite	Saflex V, K series	Solutia Report 8/11
(b)	Kuraray (formerly DuPont)	SentryGlas Expressions		DuPont Report 3/11
(b)	Kuraray (formerly DuPont)	Butacite	50-56, 551-553	DuPont Report 3/11
(b)	Kuraray	Trosifol	BG, AF, SC, VG, XT90, Solar R40, HR100	Kuraray Report 5/23/12
(b)	Chang Chun	Winlite	(0.015)	Guardian Report ALR 13-266
(b)	Sekisui S-Lec America LLC	Sekisui S-LEC Film & Sekisui S-LEC Acoustic Film	(0.03)	ATI Report C0265.02-122-37 & C0265.01-122-37 6/12/12
(b)	Everlam S.A.	EVERLAM™ NC 010	(0.015)	Intertek report E1130.-02-106-31 2/18/16
(ip)	Kuraray (formerly DuPont)	SentryGlas	(0.035)	DuPont Report 3/11
(lu)	Bestroom Co. Ltd.	UVLAM	(0.040)	Bestroom Laboratory Report 1/17/11
(lu)	ALLNEX	UVEKOL	(0.040)	Allnex Statement 3/14/14
(ev)	Interlayer Solutions, inc.	EVALAYER	(0.015)	Interlayer Solutions Inc. Performance Report 7/8/15
(ev)	Bridgestone	EVASAFE	(0.015)	Intertek/ATI Report 3/2/15
(ev)(p)	Folienwerk Wolfen GmbH	Evguard® and Hybrid MPE Interlayers	(.015)(.008)(.015)	Blackwater Testing 11/15
(ev)	Folienwerk Wolfen GmbH	Evguard® Film only	(.015) & (.030)	Blackwater Testing 11/15
(ev)	Hornos Industriales Pujol, S.A.	EVALAM Crystal	(0.015)	Pujol 8/11/16
(ev)	Hornos Industriales Pujol, S.A.	EVALAM Visual	(0.015)	Pujol 8/11/16
(el)(p)	Polytronix, Inc.	Polyvision Film	(0.075)	INDOOR USE ONLY – NO WEATHERING DATA ON FILE MUST RECEIVE WEATHERING DATA BY 12/31/16 OR WILL BE REMOVED SEE NOTE ABOVE

W.1 (Deleted 11/4/2015)

PLASTICS - GENERAL (ANSI Only)

P.1

Certification of one tint or color of rigid plastic will also cover other tints, colors, flat configurations, or bent and formed configurations.

P.2

For certifying all plastics covering a range of thicknesses, prototype impact tests are required of the minimum thickness and also of the maximum thickness (except that 0.250 inch thickness would be tested if the maximum thickness exceeds 0.250 inches). Only one certification number will be issued and shall be marked upon all thicknesses. Routine evaluation samples are to be selected by the Administrator from any of the certified thicknesses.

P.3

The following thickness tolerances shall be used for certification purposes:

- Outdoor use plastic materials Categories C-1 and C-2 cast Acrylic, (including continuously cast sheet): As specified in ASTM-D4802-88, Table 2 and Table 3.
- Outdoor use plastic materials Categories M-1 and M-2 extruded Acrylic: As specified in ASTM-D4802-88 Table 2 plus or minus five percent.
- Outdoor use plastic materials extruded polycarbonate: As specified in Military Specification MILP-46144, latest issue.
- Indoor use plastic materials plus or minus five percent of nominal thickness.

P.4

The maximum thickness shall be recorded when measuring the thickness of patterned plastics.

P.5

Certification of either smooth plastic or patterned plastic will not cover the other.

PLASTICS - EXTERIOR USE (ANSI Only)

PE. 1 (ANSI ONLY)

Sheet plastics for exterior use must comply with the applicable specification.

PE. 2

Certification of plastics for exterior use shall be permitted prior to completion of ANSI Z97.1 weathering tests (paragraph 5.3) provided that a considered expert opinion states that the infrared spectrogram indicates that the plastic is an acrylic or UV, inhibited polycarbonate of proven weatherability. Certification shall be removed if compliance with the weathering test is not demonstrated within six months of the certification date.

PE. 3

For all plastics requiring UV weathering tests, an infrared spectrogram shall be obtained of all prototype weathering specimens. An infrared spectrogram shall be obtained of all routine evaluation samples and shall be compared with that of the prototype in lieu of conducting weathering test. The spectral scan shall be made using a minimum film thickness of 0.002 inches or its equivalent.

PE.4

When initial Charpy unnotched specimens do not break, then notched specimens shall be used for both initial and exposed Charpy impact testing. The specimens shall be notched prior to UV exposure and the notched surface shall be exposed to the UV.

PLASTICS - INDOOR USE ONLY (ANSI ONLY)

PI.1

Sheet plastics used in indoor applications only do not have to comply with paragraph 5.3 of ANSI Z97.1 (UV Weathering), but must comply with paragraph 5.4.

PI.2

The permanent label authorized by SGCC® must include "Indoor Use Only."

PI.3

For all indoor plastics requiring aging tests, an infrared spectrogram shall be obtained of all prototype aging specimens. An infrared spectrogram shall be obtained of all routine re-evaluation samples and shall be compared with that of the prototype in lieu of conducting aging tests. The spectral scan shall be made using a minimum film thickness of 0.002 inches or its equivalent.

LEADED PATTERNED ANNEALED GLASS – (ANSI ONLY)

LG.1 (Deleted 4/26/2007)

LG.2 (Deleted 4/26/2007)

LG.3 (Deleted 4/26/2007)

ORGANIC COATED GLASS

AG.1

Thickness of the applied plastic coating shall be measured by the SGCC® standard method. When testing to the impact test criteria in 16 CFR 1201.4(a)(1), four specimens shall be tested or as noted in guideline G.27. (Revised 10/22/1993). For organic coated - hybrid, reference memorandum 940329-1.

AG .2

The SGCC® authorized permanent label, which complies with Guideline G.26, must be imprinted upon or applied to a surface of the plastic for all plastic coated annealed glasses.

AG .3 (ANSI ONLY)

Prototype test shall be conducted on bent specimens of the surface area at least 50 percent of the maximum size for which certification is desired. Routine tests may be conducted on flat or bent specimens. The test apparatus shall be modified to clamp the vertical straight edges and to support the concave side for the curved edges. Two specimens shall have organic coating on the concave surface and two on the convex surface. Impact shall be on the convex surface.

AG .4

For certification to ANSI Z97.1, weathering tests on organic coated glasses shall be performed on the thinnest construction of all components in clear glass with clear plastics. Weathering tests shall only be required initially. Weathering data will be accepted from the glass fabricator, or a supplier, i.e. organic coating manufacturer.

SGCC ADVERTISING GUIDELINES

The following concepts are important to remember if you are a participant or licensee in the SGCC Certification Program or a distributor of safety glazing materials. This discussion is intended to provide you with an accurate background description of the SGCC Certification Program to help you avoid making possibly misleading, deceptive, or ambiguous statements regarding the program in the advertising of your products.

1) SGCC is a non-profit organization that maintains a third-party certification program which provides for the certification of safety glazing materials found to be in compliance with either ANSI Z-97.1-2015 or 16 CFR 1201 or both, or both plus CAN/CGSB 12.1. Products are not certified by SGCC unless and until a test to the applicable specification(s) conducted at an approved testing laboratory indicates compliance and the license contract requirements are met. (Revised 10/10/2012)

2) Once certified by SGCC, a product is assigned an exclusive certification number to identify it and the plant at which it is made. After which, to ensure continued adherence to the specification(s), SGCC independently selects, at least twice in each year, samples from the manufacturer or from the market place to be tested to the applicable specification(s). Consequent to a test result showing compliance with the applicable specification(s), SGCC authorizes the continued use of the certification number and its listing in the SGCC's Certified Products Directory.

3) To maintain certification, SGCC also requires licensees to have a working Quality Assurance program for the fabrication of safety glazing materials. Compliance to QA requirements is validated at the first SGCC plant inspection after products are certified, and adherence is verified thereafter at each twice per year plant visit.

4) To buyers, specifiers, code officials, and users, the SGCC certification label offers the licensee assurance that its safety glazing material has been produced in conformance to ANSI Z-97.1-2015, 16 CFR 1201 and/or CAN/CGSB 12.1. (Revised 10/10/2012)

5) The SGCC Administrator audits laboratories and checks their equipment, audits licensees' production and fabrication of specimens, and validates test reports and certification claims. The Administrator periodically checks and reports on compliance of the products having the SGCC certification label with the applicable specification(s).

6) SGCC-approved laboratories test specimens to specific test methods and specifications referenced by SGCC.

7) SGCC does not have "members" insofar as the term "members" connotes that some detailed criteria must be met in order to participate in the organization. Under the SGCC by-laws, any person or organization (other than a glazing manufacturer) that has a legitimate interest in the purposes of SGCC may become a participant. Manufacturers, on the other hand, become participants by virtue of executing a License Agreement with SGCC. Any manufacturer of safety glazing may voluntarily enter into a License Agreement with SGCC, provided that they intend to certify at least one product under the SGCC Certification Program. Thus, the proper term to use for a manufacturer is "participant" or "Licensee."

8) The following are examples of possible advertising language that licensees might wish to use:

- a) Our company is a licensee of the Safety Glazing Certification Council (SGCC).
- b) We submit our tempered/laminated glass products for certification through the SGCC program.
- c) Our tempered/laminated glass products that are certified by SGCC as meeting the SGCC certification program are listed in the SGCC's Certified Products Directory.
- d) Our tempered/laminated glass products that are certified by SGCC are indicated by the SGCC logo and certification number permanently marked on our products. (Added 10/26/2010)

~SGCC® LABEL REQUIREMENTS~ (Revised 7/1/2016)

GENERAL

Unless the SGCC® certification label is permanently affixed to each piece of safety glazing material, it is not covered by the SGCC® certification program, and unless a specific standard (ANSI, CPSC, CAN/CGSB) is included in the label, the product is not certified to that standard. (Revised 10/10/2012)

The permanent label must contain the correct SGCC® number, ANSI Z97.1-2015 and/or 16 CFR 1201, and/or CAN/CGSB 12.1 (and category), the nominal thickness, (see SGCC® Guideline G.29 for international thickness standards), the letter U or L indicating certified size and the ANSI impact class (A or B). (Revised 7/1/2016)

At the discretion of the SGCC® participant, for laminated glass, the actual thickness **AND/OR** thickness class (S, H) may appear on the label. (Added 1/1/2009)

These requirements are minimum requirements for SGCC® Certification. It is the licensee's responsibility to determine if other jurisdictions, standards and codes have additional requirements such as type of glass. (Revised 10/17/2007)

For labeling purposes, a **line of demarcation** shall separate those specifications covered by the SGCC® number from any other specifications the licensee may wish to reference. For laminated products used in "Indoor Use Only" applications where no weathering data is on file with SGCC, the permanent label must include "Indoor Use Only." The SGCC® number can be used to identify both the "supplier" and "place of fabrication". Refer to SGCC® Guideline G.5 (Revised 10/21/2005)

The permanent label must be affixed to certified products ONLY at the time and place of manufacture (except for situations covered by Guideline G.18 and as stated below.) (Revised 10/25/2001)

EXAMPLES OF LABELS CERTIFIED TO ALL THREE STANDARDS

<u>In inches</u>	<u>In mm</u>	<u>Laminated example</u>
ABC Glass – Plant A (optional)	ABC Glass – Plant A (optional)	ABC Glass – Plant A (optional)
16 CFR 1201 II	16 CFR 1201 II	16 CFR 1201 II
ANSI Z97.1-2015	ANSI Z97.1-2015	ANSI Z97.1-2015
CAN/CGSB 12.1-90	CAN/CGSB 12.1-90	CAN/CGSB 12.1-90
1/4 U A SGCC 9999	6mm U A SGCC 9999	(S) U A SGCC 9999

Labeling of Cut Sheet Safety Glazing (refer to Guideline G.18) (Added 10/25/2001)

When a distributor or installer wishes to include the SGCC® label on pieces of safety glazing cut from properly fabricated, labeled, and SGCC® certified product, the following shall apply:

- 1.) The designation "C/F" for "Cut From" shall appear in front of the SGCC® number.
- 2.) The distributor or installer must have written permission to do so from the primary SGCC® certified producer. This written permission should address such issues as label accountability and application, differentiation between multi-source suppliers and a time frame or scope of labeling.
- 3.) Since SGCC® shall have no formal relationship with the distributor or installer, proper application and use of the SGCC® label shall be the responsibility of the SGCC® licensee producing the product.
- 4.) If the SGCC® label is not used, SGCC® has no jurisdiction.

EXAMPLES

<u>SGCC® Licensee or Primary Producer</u>	<u>Authorized Distributor or Installer</u>
Company ABC (optional)	Company XYZ (optional)
Laminated Glass (optional)	Laminated Glass (optional)
ANSI Z97.1-2015	ANSI Z97.1-2015
16 CFR 1201 CII	16 CFR 1201 CII
SGCC 9999 6mm U A	C/F SGCC 9999 6mm U A

The permanent label must be affixed ONLY to safety glazing materials of the licensee which are certified in the SGCC® certification program.

The permanent label must not be sold, transferred, or otherwise disposed of in any manner other than being affixed to the licensee's certified product.

The permanent label must NOT be affixed to any product from which certification has been withdrawn or which is produced with a process basically different from the one used to manufacture the initial or prototype samples.

ANSI (ONLY)

"After having successfully passed the appropriate tests in this standard, like products and materials produced in the same manner as specimens submitted per test shall be legibly and permanently marked with a label."

Label Content.

The label shall contain the following information:

- 1) Supplier's name, distinctive mark or designation.
- 2) The words "American National Standard Z97.1-2015" or the characters "ANSI Z97.1-2015."
- 3) Classification of test size (L or U) and drop height class (A, B). Plastic glazing does not require drop height.
- 4) Place of fabrication (if fabricator has more than one location fabricating the product).

NOTE: Additional details and information, such as thickness and date of manufacture, are permitted.
Quoted from ANSI Z97.1. (Revised 1/1/2011)

Organic-Coated Glass Only.

"Organic-coated glass materials shall be legibly and permanently marked with the words "Glaze This Side In," to indicate to the installer, inspector, or user which side of the organic-coated glass should be exposed to the elements if there is a specific side that should be exposed." Quoted from ANSI Z97.1. (Revised 10/21/2005)

CPSC (ONLY)

"Any glazing material that for accelerated environmental durability tests meets only the requirements of 1201.4 (e)(ii)(c) entitled Plastic (indoor service) shall bear the statement 'INDOOR USE ONLY' as a part of the permanent label." Quoted from 16 CFR 1201.

"Organic-coated glass that has been tested for environmental exposure from one side only must bear a permanent label on the coating stating 'GLAZE THIS SIDE IN' and shall bear in the central 50 percent of the surface in letters at least 3" (inches) high: 'SEE PERMANENT LABEL FOR IMPORTANT MOUNTING INSTRUCTIONS.' The latter message shall be attached to either side of the glazing by any means which shall ensure the message will remain in place until installation." Quoted from 16 CFR 1201.

CPSC ACT LABELING REQUIREMENTS

The following information is provided for the guidance of the licensee and is not a requirement of the SGCC® Certification Program.

The Consumer Product Safety Act defines a private labeler and permits private labeling as long as a manufacturer is identified, which can be in code. A "private labeler" means an owner of a brand or trademark on the label of a consumer product, which bears a private label.

Pursuant CPSC Advisory Opinion, dated April 12, 1984, a label on the material or product is acceptable as a certificate of compliance meeting the requirements of the CPSC if the label contains the same information required of a certificate of compliance. This information must include the date of manufacture, the place of manufacture, and the name of the manufacturer, importer, or private labeler. The certificate of compliance may also be a separate document, which accompanies the material or product or is otherwise furnished to each distributor or retailer.

With respect to the CPSC requirement that the certificate of compliance name the manufacturer, a label meets that requirement if it includes a suitable identification of the manufacturer of the product (unless the product bears a private label), in which case it shall identify the private labeler and shall also contain a code mark which shall permit the seller of such product to identify the manufacturer thereof to the purchaser upon his request.

As set forth in SGCC® certification guideline G.5, the SGCC® number designates the name of the licensee and also the location of the manufacturing plant, however, it does not designate the date of manufacture.

Classified Tempered Glass Patterns Key (SD-100)

(Revised 9/7/2016 BR Approved 9/7/2016 KS)

S (Shallow)

M (Medium)

D (Deep)

X (Pattern available but pattern depth not yet classified.)

*Indicates EN Standard Thickness Tolerance

Pattern Name	Manufacturer	Thickness & Pattern Depth									
	inches	1/8	5/32	3/16	n/a	7/32	1/4	n/a	5/16	3/8	1/2
	mm	3	4	5	0.21	5.5	6	7	8	10	12
Abstracto	Saint Gobain		D								
Altdeutsch F	Saint Gobain		S								
Altdeutsch K	Saint Gobain		S								
Antique	Saint Gobain		S								
Aqua	AGC	S	S	S			S				
Aquatex	AGC	S	S	S	S	S	S				
Aqui	AGC	S	S	S			S			S	
Arctic*	Pilkington		D								
Arena C/SR Arena	Saint Gobain	S	S				S				
Austral*	Pilkington		M								
Autumn*	Pilkington		M				X				
Autumn	Saint Gobain						S				
Bamboo	AGC			D							
Bamboo	Guardian									S	
Bubble	Guardian	S	S	S		S	S			S	
Cascade	AGC				S	S					
Cast	Saint Gobain									S	
Chantilly*	Pilkington		S								
Charcoal Sticks*	Pilkington		S								
Chinchilla	AGC			S	S	S					
Citrus	AGC	S	S	S							
Contora*	Pilkington		S								
Cotswold*	Pilkington		M				X				
Cross Reeded	AGC		D				M				
Delta	AGC		D				M				
Digital*	Pilkington										
Esto	Guardian						M			M	M
Estriado/SR Estr	Saint Gobain		M				M				
Etre	Guardian		S				S			S	S
Everglade*	Pilkington		M				X				
Flax	AGC	M	M, S	S	S	S					
Flemish*	Pilkington		S				M				
Floralite	Guardian		M								
Florex	AGC	M	M								
Florielle*	Pilkington		S								
Flutes	AGC		M	D			D				
Flutex	AGC			D						M	
Glacier	AGC	M	M	D			D			M	
Gluechip	Guardian	M	M	M		M	M				
Ground Glass	AGC	S	S	S			S				
Hammered	AGC	S	S	S			S				
Illusions	AGC	S	S	S			S				
Ima	Guardian						M			M	M
Industrex	AGC	S	S	S	S	S	S				
Kathedral Klein	AGC	S	S	S			S				
Kathedral Max	Saint Gobain		S	S				S			
Kathedral Min	Saint Gobain		S								
Konfeta	AGC		M								
Krystal Flutes	AGC			D							
Krystal Illusions	AGC	S	S	S			S				
Krystal Industrex	AGC	S	S	S			S			S	
Krystal Serenity	AGC	S	S	S			S				
Krystal Storm	AGC		S	S			S			S	
Laliva weiss	Saint Gobain		S								
Leaf	AGC	M									
Listral A	Saint Gobain		S								
Listral D	Saint Gobain		M								
Listral F	Saint Gobain		M								

Pattern Name	Manufacturer	Thickness & Pattern Depth									
inches		1/8	5/32	3/16	n/a	7/32	1/4	n/a	5/16	3/8	1/2
mm		3	4	5	0.21	5.5	6	7	8	10	12
Listral K	Saint Gobain		S								
Listral M	Saint Gobain		D								
Lozenge	Pilkington			D							
Madera	Saint Gobain		D								
Maris	Saint Gobain		M								
Master-Carre	Saint Gobain		M								
Master-Carre	Saint Gobain		M				M		M	M	
Master-Lens w	Saint Gobain		D				D		D		
Master-Ligne	Saint Gobain		M				M		M		
Master-Point	Saint Gobain		M				M		M		
Master-Ray	Saint Gobain		D				D		D		
Master-Shine	Saint Gobain		M				M		M	M	
Mayflower*	Pilkington		S								
Minster*	Pilkington		S								
Mistlite	Jinjing		S	S			S				
Monumental M	Saint Gobain		D								
Monumental S	Saint Gobain		M								
Morisco*	Pilkington		M								
Niagara	Guardian	M	M	M		M	M			M	M
Oak*	Pilkington		S								
Optica	Saint Gobain		M								
P-516	Guardian	S	S	S	S	S	S			S	S
Pattern 62	AGC	S	S	S	S	S					
Pattern 73	AGC	M	M								
Pebbles	AGC		M				M				
Pelerine*	Pilkington		S								
Pixels	AGC		M								
Rain	AGC	M	M	M			S			S	
Rattan*	Pilkington	M									
Rayado*	Pilkington			S							
Reed	Saint Gobain						M				
Reeded*	Pilkington		D				M				
Sahara	Saint Gobain		S								
Seashell	AGC			M		M					
Serenity	AGC	S	S	S			S				
Silvit	Saint Gobain		D						D	D	
Skytex	AGC				S						
Solatex	AGC	S	S	S							
Solite	AGC	S	S	S							
Sparkel*	Pilkington		D								
Spotlyte	Saint Gobain		D								
Spraylite	Guardian	S	S	S	S	S	S			S	
SR Listral L	Saint Gobain						S		S	S	
Stippolite*	Pilkington		S				X			X	
Storm	AGC		S	S			S			S	
Sunadex	AGC			S							
Sycamore*	Pilkington		S				X				
Taffeta*	Pilkington		S								
Tetra	Guardian		M								
Textured Flutex	AGC			D			D			M	
Thela	Saint Gobain		S				S	S			
Velvex	AGC	S	S	S	S	S					
Vison	Saint Gobain		S				S		S		
Warwick*	Pilkington		S								
Waterdrop	Saint Gobain		M								
Wired 1/2"	Saint Gobain						S				
Wired 1/2"	Saint Gobain							S			
Wired Abstract	Saint Gobain							M			
Wired Listral	Saint Gobain						S				
Wired Waterdrop	Saint Gobain							M			
Yacare*	Pilkington		M								
Zefiro Weiss	Saint Gobain		M								

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12	Virginia Glass Products Corp.	1416	Nashville Tempered Glass Corp.	1806	Cardinal TG
14	Virginia Glass Products Corp.	1417	Nashville Tempered Glass Corp.	1807	Cardinal TG
89	AGC Flat Glass North America	1422	SCHOTT Gemtron - Sweetwater	1826	Guardian Industries Corp.
90	AGC Flat Glass North America	1424	SCHOTT Gemtron - Sweetwater	1827	Cardinal IG
93	Virginia Glass Products Corp.	1467	Nashville Tempered Glass Corp.	1828	Cardinal IG
94	Virginia Glass Products Corp.	1477	SCHOTT Gemtron - Sweetwater	1829	Cardinal IG
95	Virginia Glass Products Corp.	1508	Viracon Inc.	1830	Cardinal IG
131	Guardian Industries Corp.	1509	Viracon Inc.	1831	Cardinal IG
220	AGC Flat Glass North America	1546	Oldcastle BuildingEnvelope®	1834	Cardinal IG
249	PPG Inds. Inc.	1547	Oldcastle BuildingEnvelope®	1841	Cardinal IG
250	PPG Inds. Inc.	1548	Oldcastle BuildingEnvelope®	1842	Cardinal IG
300	Guardian Fabrication Inc.	1549	Oldcastle BuildingEnvelope®	1843	Cardinal IG
382	PPG Inds. Inc.	1550	Oldcastle BuildingEnvelope®	1844	Cardinal IG
471	Guardian Fabrication Inc.	1551	Oldcastle BuildingEnvelope®	1845	Cardinal IG
514	Oldcastle BuildingEnvelope®	1555	Swift Glass Co., Inc.	1865	Guardian Industries Corp.
515	Oldcastle BuildingEnvelope®	1556	Swift Glass Co., Inc.	1871	Solar Seal Massachusetts
516	Oldcastle BuildingEnvelope®	1557	Swift Glass Co., Inc.	1882	Guardian Industries Corp.
520	Anthony International	1558	Swift Glass Co., Inc.	1889	Commercial Insulating Glass Co.
587	AGC Flat Glass North America	1559	Swift Glass Co., Inc.	1890	Commercial Insulating Glass Co.
598	AGC Flat Glass North America	1575	Custom Glass Solutions Millbury Corp.	1891	Commercial Insulating Glass Co.
630	Oldcastle BuildingEnvelope®			1901	EFCO Corporation
631	Guardian Industries Corp.	1576	Custom Glass Solutions Millbury Corp.	1902	EFCO Corporation
662	Guardian Fabrication Inc.			1910	Coral Industries Glass Division
675	PPG Inds. Inc.	1577	Custom Glass Solutions Millbury Corp.	1911	Coral Industries Glass Division
933	Guardian Industries Corp.	1607	Guardian Fabrication Inc.	1921	Cardinal CG
934	Guardian Industries Corp.	1608	Oldcastle BuildingEnvelope®	1922	Cardinal CG
935	Oldcastle BuildingEnvelope®	1609	Oldcastle BuildingEnvelope®	1923	Cardinal CG
955	AGC Flat Glass North America	1630	Guardian Industries Corp.	1924	Cardinal CG
968	Guardian Industries Corp.	1631	Guardian Industries Corp.	1939	Solar Seal Massachusetts
969	Guardian Industries Corp.	1632	Guardian Industries Corp.	1964	Coral Industries Glass Division
970	Guardian Industries Corp.	1633	Guardian Industries Corp.	1979	Kohler Company
971	Guardian Industries Corp.	1634	Guardian Industries Corp.	1980	Kohler Company
999	Anthony International	1635	Guardian Industries Corp.	1981	Kohler Company
1000	Anthony International	1637	Viracon Inc.	1982	Kohler Company
1035	Solar Seal Massachusetts	1677	Contour Industries, Inc.	1983	Kohler Company
1036	Solar Seal Massachusetts	1678	Contour Industries, Inc.	1984	Kohler Company
1037	Solar Seal Massachusetts	1680	Contour Industries, Inc.	1985	Cardinal CG
1110	PPG Inds., Inc.	1683	Guardian Industries Corp.	1986	Cardinal CG
1111	PPG Inds., Inc.	1702	AGC Flat Glass North America	1987	Cardinal CG
1112	PPG Inds., Inc.	1703	AGC Flat Glass North America	1988	Cardinal CG
1113	PPG Inds., Inc.	1704	AGC Flat Glass North America	1991	Berkowitz, J.E.
1139	AGC Flat Glass North America	1705	AGC Flat Glass North America	1993	Tecnoglass S.A.
1201	SCHOTT Gemtron - Sweetwater	1754	All Team Glass & Mirror, Ltd.	1994	Tecnoglass S.A.
1216	Guardian Fabrication Inc.	1755	All Team Glass & Mirror, Ltd.	1995	Tecnoglass S.A.
1235	Guardian Fabrication Inc.	1756	All Team Glass & Mirror, Ltd.	1996	Oldcastle BuildingEnvelope® Canada Inc.
1248	Guardian Industries Corp.	1757	All Team Glass & Mirror, Ltd.	1997	Oldcastle BuildingEnvelope® Canada Inc.
1249	Guardian Industries Corp.	1758	All Team Glass & Mirror, Ltd.	1998	Consolidated Glass Corp.
1250	Guardian Industries Corp.	1784	Trulite Glass and Aluminum Solutions	1999	Consolidated Glass Corp.
1251	Guardian Industries Corp.	1785	Trulite Glass and Aluminum Solutions	2002	Consolidated Glass Corp.
1253	Guardian Industries Corp.	1786	Trulite Glass and Aluminum Solutions	2003	Consolidated Glass Corp.
1301	Guardian Industries Corp.	1787	Trulite Glass and Aluminum Solutions	2004	Consolidated Glass Corp.
1303	Guardian Industries Corp.	1788	Trulite Glass and Aluminum Solutions	2005	Consolidated Glass Corp.
1304	Guardian Industries Corp.	1790	Trulite Glass and Aluminum Solutions	2007	Cardinal CG
1332	SCHOTT Gemtron - Sweetwater	1803	Guardian Industries Corp.	2008	Cardinal CG
1334	SCHOTT Gemtron - Sweetwater	1804	Cardinal TG	2009	Cardinal CG
1403	Viracon Inc.	1805	Cardinal TG		
1404	Viracon Inc.				

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<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
2010	Cardinal CG	2226	GGI Glass Distributors Corp.	2432	Changshu Zhongxin Bldg. Mat. Co.
2011	Cardinal CG	2227	GGI Glass Distributors Corp.	2434	Kohler Company
2012	Cardinal CG	2228	GGI Glass Distributors Corp.	2445	Goldray Industries Ltd.
2013	Cardinal CG	2231	Cardinal IG	2446	Goldray Industries Ltd.
2015	Prelco Inc.	2232	Cardinal IG	2447	Goldray Industries Ltd.
2020	Guardian Industries Corp.	2233	Cardinal IG	2448	Goldray Industries Ltd.
2021	Guardian Industries Corp.	2234	Cardinal IG	2449	Goldray Industries Ltd.
2022	Guardian Industries Corp.	2235	Cardinal IG	2451	Guardian Fabrication Inc.
2023	Guardian Industries Corp.	2259	Guardian Industries Corp.	2453	Anthony International
2024	Guardian Industries Corp.	2260	Guardian Industries Corp.	2455	Cameron Glass, Inc.
2032	Cameron Glass, Inc.	2261	Guardian Industries Corp.	2458	Guardian Industries Corp.
2033	Cameron Glass, Inc.	2262	Guardian Industries Corp.	2459	Guardian Industries Corp.
2034	Prelco Inc.	2282	GGI Glass Distributors Corp.	2460	Guardian Industries Corp.
2035	Prelco Inc.	2285	Cardinal IG	2462	Cardinal LG
2048	Prelco Inc.	2286	Cardinal IG	2467	United Plate Glass Co., Inc.
2050	Intigral	2287	Tecnoglass S.A.	2468	United Plate Glass Co., Inc.
2051	Intigral	2289	Anthony International	2469	United Plate Glass Co., Inc.
2052	Intigral	2293	Cardinal CG	2470	United Plate Glass Co., Inc.
2055	Intigral	2294	Cardinal CG	2471	United Plate Glass Co., Inc.
2057	Patio Enclosures	2295	Cardinal CG	2481	SAAND Toronto
2062	Oldcastle BuildingEnvelope® Canada Inc.	2296	Cardinal CG	2482	SAAND Toronto
2063	Oldcastle BuildingEnvelope® Canada Inc.	2306	Anthony International	2484	SAAND Toronto
2067	Cardinal CG	2307	Anthony International	2488	Kawneer - (Cranberry) a division of Alcoa
2068	Cardinal CG	2310	Viracon Inc.	2489	Kawneer - (Cranberry) a division of Alcoa
2069	Cardinal CG	2311	Viracon Inc.	2490	Kawneer - (Cranberry) a division of Alcoa
2070	Cardinal CG	2314	Viracon Inc.	2494	Nashville Tempered Glass Corp.
2071	Cardinal CG	2317	Cardinal IG	2497	Nashville Tempered Glass Corp.
2074	Oldcastle BuildingEnvelope®	2318	Cardinal IG	2498	Multiver
2133	Tecnoglass S.A.	2319	Cardinal IG	2499	Multiver
2134	Tecnoglass S.A.	2320	Cardinal IG	2501	Cameron Glass, Inc.
2135	Tecnoglass S.A.	2321	Cardinal IG	2507	AGC-Poma Glass Co. N.A.
2143	EFCO Corporation	2322	Cardinal IG	2509	AGC-Poma Glass Co. N.A.
2144	Coral Industries Glass Division	2323	Cardinal IG	2510	AGC-Poma Glass Co. N.A.
2145	Coral Industries Glass Division	2328	Cardinal IG	2519	Guardian Industries Corp.
2146	Cardinal CG	2329	Cardinal IG	2543	Oldcastle BuildingEnvelope® Canada Inc.
2176	Cardinal IG	2330	Cardinal IG	2544	Oldcastle BuildingEnvelope® Canada Inc.
2177	Cardinal IG	2331	Cardinal IG	2545	Guardian Industries Corp.
2178	Cardinal IG	2352	Anthony International	2547	Techni-Glass, Inc.
2179	Cardinal IG	2353	Anthony International	2548	Techni-Glass, Inc.
2182	Virginia Glass Products Corp.	2354	Consolidated Glass Corp.	2549	Techni-Glass, Inc.
2185	Glaz-Tech Industries, Inc.	2355	Consolidated Glass Corp.	2550	Techni-Glass, Inc.
2186	Glaz-Tech Industries, Inc.	2357	Cardinal CG	2569	Bendheim Wall Systems
2187	Glaz-Tech Industries, Inc.	2358	Cardinal CG	2570	Bendheim Wall Systems
2189	Glaz-Tech Industries, Inc.	2359	Cardinal CG	2572	Intex Glass (Xiamen) Co., Ltd.
2193	Glaz-Tech Industries, Inc.	2360	Cardinal CG	2573	Intex Glass (Xiamen) Co., Ltd.
2203	Cardinal IG	2365	Tecnoglass S.A.	2574	Intex Glass (Xiamen) Co., Ltd.
2204	Cardinal IG	2381	Prelco Inc.	2575	Intex Glass (Xiamen) Co., Ltd.
2205	Cardinal IG	2382	Guardian Industries Corp.	2576	Intex Glass (Xiamen) Co., Ltd.
2210	Oldcastle BuildingEnvelope®	2389	PGT Industries	2577	Intex Glass (Xiamen) Co., Ltd.
2211	Oldcastle BuildingEnvelope®	2390	PGT Industries	2578	Amsco Windows
2212	Oldcastle BuildingEnvelope®	2391	PGT Industries	2580	Amsco Windows
2213	Oldcastle BuildingEnvelope®	2397	Cardinal IG	2581	Amsco Windows
2214	Oldcastle BuildingEnvelope®	2399	Cardinal IG		
2215	Oldcastle BuildingEnvelope®	2417	Nashville Tempered Glass Corp.		
2216	Oldcastle BuildingEnvelope®	2420	Nashville Tempered Glass Corp.		
		2423	Valentini Glass & Components srl		
		2426	PGT Industries		

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<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
2582	Amsco Windows	2789	Trulite Glass and Aluminum Solutions	2970	Quaker Window Products, Inc.
2584	Amsco Windows	2790	All Team Glass & Mirror, Ltd.	2975	Techni-Glass, Inc.
2589	Engineered Glass Products, L.L.C.	2831	Cardinal IG	2976	Cardinal LG
2590	Engineered Glass Products, L.L.C.	2833	Cardinal IG	2980	AGC Flat Glass North America
2603	Guardian Fabrication Inc.	2834	Cardinal IG	2981	Quality Glass & Mirror, Inc.
2629	Multiver	2840	Trulite Glass and Aluminum Solutions	2982	Quality Glass & Mirror, Inc.
2644	Coral Industries Glass Division	2842	Milgard Tempering	2983	Quality Glass & Mirror, Inc.
2646	Berkowitz, J.E.	2850	Eckelt Glas GmbH	2984	Quality Glass & Mirror, Inc.
2647	Berkowitz, J.E.	2851	Eckelt Glas GmbH	2985	Quaker Window Products, Inc.
2649	Guardian Industries Corp.	2852	Eckelt Glas GmbH	2986	Quaker Window Products, Inc.
2654	Syracuse Glass Co., Inc.	2853	Eckelt Glas GmbH	2987	Changshu Hard Glass Co., Ltd.
2656	Syracuse Glass Co., Inc.	2854	Eckelt Glas GmbH	2988	Changshu Hard Glass Co., Ltd.
2657	Syracuse Glass Co., Inc.	2855	Eckelt Glas GmbH	3001	Solar Seal Massachusetts
2661	Downey Glass Industries, LLC	2857	Cardinal IG	3002	Guardian Industries Corp.
2662	Downey Glass Industries, LLC	2858	Cardinal IG	3003	Guardian Industries Corp.
2663	Downey Glass Industries, LLC	2859	Cardinal IG	3015	Patio Enclosures
2664	Downey Glass Industries, LLC	2878	Cardinal IG	3017	Dlubak Corporation
2665	Downey Glass Industries, LLC	2879	Cardinal IG	3018	Dlubak Corporation
2666	AGC-Poma Glass Co. N.A.	2880	Cardinal IG	3019	Dlubak Corporation
2678	Kawneer - (Cranberry) a division of Alcoa	2881	Cardinal IG	3023	SAAND Toronto
2684	Paragon Tempered Glass	2884	Oldcastle BuildingEnvelope® Canada Inc.	3024	Guardian Fabrication Inc.
2685	Paragon Tempered Glass	2885	Oldcastle BuildingEnvelope® Canada Inc.	3025	Intex Glass (Xiamen) Co., Ltd.
2686	Paragon Tempered Glass			3027	Anthony International
2687	Paragon Tempered Glass	2887	Simonton Windows	3028	SIGCO, Inc.
2688	Paragon Tempered Glass	2888	Simonton Windows	3039	American Shower Door
2691	Nashville Tempered Glass LLC	2894	Tecnoglass S.A.	3040	American Shower Door
2692	Nashville Tempered Glass LLC	2898	Valentini Glass & Components srl	3041	American Shower Door
2693	Nashville Tempered Glass LLC	2904	Changshu Hard Glass Co., Ltd.	3042	American Shower Door
2694	Nashville Tempered Glass LLC	2909	Cardinal FG	3043	American Shower Door
2698	Engineered Glass Products, L.L.C.	2910	Cardinal FG	3053	Xinyi Group (Glass) Co., Ltd.
2699	Cardinal CG	2911	Cardinal FG	3054	Xinyi Group (Glass) Co., Ltd.
2700	Cardinal CG	2912	Cardinal FG	3055	Xinyi Group (Glass) Co., Ltd.
2701	Cardinal CG	2918	Kohler Company	3056	Xinyi Group (Glass) Co., Ltd.
2702	Cardinal CG	2919	Cardinal IG	3060	Techni-Glass, Inc.
2705	Cardinal CG	2920	Cardinal IG	3061	Techni-Glass, Inc.
2713	Prelco Inc.	2921	Cardinal IG	3062	Techni-Glass, Inc.
2715	Kawneer - (Cranberry) a division of Alcoa	2922	Cardinal IG	3067	SCHOTT Gemtron (Canada) Corporation
2716	Kawneer - (Cranberry) a division of Alcoa	2923	Cardinal IG	3068	Cardinal IG
2719	Kawneer - (Cranberry) a division of Alcoa	2924	Cardinal IG	3069	Cardinal IG
2728	Glass Dynamics, Inc.	2928	GGI Glass Distributors Corp.	3070	Cardinal IG
2729	Glass Dynamics, Inc.	2944	Coral Industries Glass Division	3071	Cardinal IG
2730	Glass Dynamics, Inc.	2945	Coral Industries Glass Division	3072	Cardinal IG
2731	Glass Dynamics, Inc.	2954	Cardinal CG	3073	Cardinal IG
2732	Glass Dynamics, Inc.	2955	Cardinal CG	3074	Viwinco, Inc.
2733	Glass Dynamics, Inc.	2956	Cardinal CG	3085	Xinyi Group (Glass) Co., Ltd.
2734	Glass Dynamics, Inc.	2957	Syracuse Glass Co., Inc.	3086	Chicago Tempered Glass, Inc.
2748	Kawneer - (Cranberry) a division of Alcoa	2958	Syracuse Glass Co., Inc.	3087	Chicago Tempered Glass, Inc.
2751	Prelco Inc.	2961	SIGCO, Inc.	3088	Chicago Tempered Glass, Inc.
2779	Shanghai SYP Building Glass	2962	SIGCO, Inc.	3089	Chicago Tempered Glass, Inc.
2780	Shanghai SYP Building Glass	2963	SIGCO, Inc.	3090	Chicago Tempered Glass, Inc.
2787	Trulite Glass and Aluminum Solutions	2964	SIGCO, Inc.	3095	Oldcastle BuildingEnvelope®
2788	Trulite Glass and Aluminum Solutions	2965	SIGCO, Inc.	3096	Oldcastle BuildingEnvelope®
		2966	SIGCO, Inc.	3097	Oldcastle BuildingEnvelope®
		2967	SIGCO, Inc.	3098	Oldcastle BuildingEnvelope®
		2968	Quaker Window Products, Inc.	3099	Oldcastle BuildingEnvelope®
		2969	Quaker Window Products, Inc.	3100	Oldcastle BuildingEnvelope®

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SGCC No.		SGCC No.		SGCC No.	
3326	Trulite Glass and Aluminum Solutions	3477	Contractors Wardrobe	3637	SCHOTT Gemtron (Canada) Corporation
3327	Trulite Glass and Aluminum Solutions	3482	PGT Industries	3645	Trulite Glass and Aluminum Solutions
3329	Oldcastle BuildingEnvelope®	3485	Quaker Window Products, Inc.	3646	Trulite Glass and Aluminum Solutions
3330	Oldcastle BuildingEnvelope®	3486	Quaker Window Products, Inc.	3647	Trulite Glass and Aluminum Solutions
3331	Oldcastle BuildingEnvelope®	3487	Downey Glass Industries, LLC	3656	All Team Glass & Mirror, Ltd.
3332	Oldcastle BuildingEnvelope®	3489	Xinyi Group (Glass) Co., Ltd.	3659	SCHOTT Gemtron (Canada) Corporation
3333	Oldcastle BuildingEnvelope®	3492	Oldcastle BuildingEnvelope®	3661	Galaxy Glass & Stone
3334	Oldcastle BuildingEnvelope®	3495	Trulite Glass and Aluminum Solutions	3672	Guardian Industries Corp.
3335	Oldcastle BuildingEnvelope®	3496	Oldcastle BuildingEnvelope®	3673	Guardian Industries Corp.
3336	Oldcastle BuildingEnvelope®	3497	Oldcastle BuildingEnvelope®	3689	Viracon Inc.
3337	Oldcastle BuildingEnvelope®	3498	Oldcastle BuildingEnvelope®	3690	QinHuangDao Tianrui Tempered Technology Glass Co.
3338	Oldcastle BuildingEnvelope®	3499	Oldcastle BuildingEnvelope®	3698	AGC-Poma Glass Co. N.A.
3339	Oldcastle BuildingEnvelope®	3500	Oldcastle BuildingEnvelope®	3701	Dallas Flat Glass
3340	Oldcastle BuildingEnvelope®	3501	Oldcastle BuildingEnvelope®	3711	PFG Glass
3392	Oldcastle BuildingEnvelope®	3502	Oldcastle BuildingEnvelope®	3714	Insulite Glass Co., Inc.
3405	Viwinco, Inc.	3503	Oldcastle BuildingEnvelope®	3715	Insulite Glass Co., Inc.
3407	Trulite Glass and Aluminum Solutions	3505	Cardinal IG	3716	Insulite Glass Co., Inc.
3408	Viwinco, Inc.	3506	Cardinal IG	3717	Insulite Glass Co., Inc.
3418	Industrial Tempering Glass	3507	Cardinal IG	3718	Insulite Glass Co., Inc.
3419	Industrial Tempering Glass	3508	Cardinal IG	3720	Insulite Glass Co., Inc.
3420	Coral Industries Glass Division	3509	Cardinal IG	3729	Oldcastle BuildingEnvelope®
3421	AGC-Poma Glass Co. N.A.	3510	Cardinal IG	3730	Qinhuangdao Kunping Safety Glass Co. Ltd.
3425	Oldcastle BuildingEnvelope®	3532	Kohler Company	3736	Yao Xiang Glass Product Co. Ltd.
3426	Oldcastle BuildingEnvelope®	3538	PFG Glass	3737	Yao Xiang Glass Product Co. Ltd.
3427	Oldcastle BuildingEnvelope®	3539	PFG Glass	3738	Yao Xiang Glass Product Co. Ltd.
3428	Oldcastle BuildingEnvelope®	3540	PFG Glass	3739	Yao Xiang Glass Product Co. Ltd.
3430	Trulite Glass and Aluminum Solutions	3541	PFG Glass	3740	Yao Xiang Glass Product Co. Ltd.
3439	Oldcastle BuildingEnvelope®	3542	PFG Glass	3741	Yao Xiang Glass Product Co. Ltd.
3440	Oldcastle BuildingEnvelope®	3543	PFG Glass	3742	Yao Xiang Glass Product Co. Ltd.
3441	Oldcastle BuildingEnvelope®	3544	PFG Glass	3743	Yao Xiang Glass Product Co. Ltd.
3442	Oldcastle BuildingEnvelope®	3547	PFG Glass	3745	Ready Glass & Mirror, Inc.
3443	Oldcastle BuildingEnvelope®	3548	PFG Glass	3746	Ready Glass & Mirror, Inc.
3444	Oldcastle BuildingEnvelope®	3549	PFG Glass	3747	Ready Glass & Mirror, Inc.
3445	Oldcastle BuildingEnvelope®	3555	Cardinal CG	3748	Ready Glass & Mirror, Inc.
3446	Oldcastle BuildingEnvelope®	3556	Al Abbar Architectural Glass	3750	Berkowitz, J.E.
3447	Oldcastle BuildingEnvelope®	3557	Al Abbar Architectural Glass	3787	Tai Shan City Da Heng Art Glass Ltd.
3448	Oldcastle BuildingEnvelope®	3558	Al Abbar Architectural Glass	3788	Tai Shan City Da Heng Art Glass Ltd.
3453	Glass Design of Miami, Inc.	3560	Al Abbar Architectural Glass	3789	Tai Shan City Da Heng Art Glass Ltd.
3454	Glass Design of Miami, Inc.	3561	Oldcastle BuildingEnvelope®	3793	Oldcastle BuildingEnvelope®
3455	Cardinal TG	3577	PPG Inds., Inc.	3796	Oldcastle BuildingEnvelope®
3456	Cardinal TG	3578	PPG Inds., Inc.	3805	Quality Glass & Mirror, Inc.
3458	Cardinal TG	3579	Cardinal CG	3806	Commercial Insulating Glass Co.
3459	Cardinal TG	3580	Cardinal CG	3807	Commercial Insulating Glass Co.
3461	Trulite Glass and Aluminum Solutions	3581	Cardinal CG	3808	Commercial Insulating Glass Co.
3462	Oldcastle BuildingEnvelope®	3583	Arlene Stained Glass & Door	3810	Basco Engineered Products
3464	Contractors Wardrobe	3584	Arlene Stained Glass & Door	3811	Basco Engineered Products
3465	Contractors Wardrobe	3585	Arlene Stained Glass & Door	3812	Basco Engineered Products
3466	Contractors Wardrobe	3599	Cardinal CG	3818	Trulite Glass and Aluminum Solutions
3467	Contractors Wardrobe	3601	Cardinal CG	3822	Flat Glass Distributors
3468	Contractors Wardrobe	3603	Trulite Glass and Aluminum Solutions	3823	Flat Glass Distributors
3469	Contractors Wardrobe	3604	Guardian Fabrication Inc.	3824	Flat Glass Distributors
3470	Contractors Wardrobe	3607	Glass Design of Miami, Inc.	3825	Flat Glass Distributors
3472	Contractors Wardrobe	3619	Cardinal IG	3826	Flat Glass Distributors
3473	Contractors Wardrobe	3631	Intigral		
3474	Contractors Wardrobe	3635	Consolidated Glass Corp.		
3475	Contractors Wardrobe	3636	SCHOTT Gemtron (Canada) Corporation		
3476	Contractors Wardrobe				

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3828	Flat Glass Distributors	3935	Dongguan CSG Architectural Glass Co., Ltd.	3999	Oldcastle BuildingEnvelope®
3830	Flat Glass Distributors			4001	Oldcastle BuildingEnvelope®
3831	Flat Glass Distributors	3936	Dongguan CSG Architectural Glass Co., Ltd.	4002	Custom Glass Products Inc.
3839	Trulite Glass and Aluminum Solutions			4003	Tecnoglass S.A.
3841	Glenny Glass Co.	3937	Dongguan CSG Architectural Glass Co., Ltd.	4004	Tri-Star Glass, Inc.
3843	Glenny Glass Co.			4005	Tri-Star Glass, Inc.
3844	Glenny Glass Co.	3938	Dongguan CSG Architectural Glass Co., Ltd.	4006	Tri-Star Glass, Inc.
3845	Glenny Glass Co.			4007	Tri-Star Glass, Inc.
3846	Glenny Glass Co.	3939	Dongguan CSG Architectural Glass Co., Ltd.	4008	Tri-Star Glass, Inc.
3857	GGI Glass Distributors Corp.			4009	Tri-Star Glass, Inc.
3858	GGI Glass Distributors Corp.	3941	Guangdong Golden Glass Technologies	4010	Tri-Star Glass, Inc.
3859	Innovative Glass of America, Inc.			4011	Tri-Star Glass, Inc.
3860	Innovative Glass of America, Inc.	3942	Guangdong Golden Glass Technologies	4012	Kohler Company
3861	Innovative Glass of America, Inc.			4021	Tianjin CSG Energy Conservation Glass Co., Ltd
3862	Innovative Glass of America, Inc.	3943	Guangdong Golden Glass Technologies		
3863	Innovative Glass of America, Inc.			4022	Tianjin CSG Energy Conservation Glass Co., Ltd
3864	Innovative Glass of America, Inc.	3944	Guangdong Golden Glass Technologies		
3865	Denver Glass Interiors, Inc.			4023	Tianjin CSG Energy Conservation Glass Co., Ltd
3866	Denver Glass Interiors, Inc.	3945	Guangdong Golden Glass Technologies		
3867	Denver Glass Interiors, Inc.			4024	Tianjin CSG Energy Conservation Glass Co., Ltd
3868	Denver Glass Interiors, Inc.	3946	Guangdong Golden Glass Technologies		
3871	Cardinal Tempering			4025	Tianjin CSG Energy Conservation Glass Co., Ltd
3872	Cardinal Tempering	3947	Guangdong Golden Glass Technologies		
3873	Cardinal Tempering			4026	Tianjin CSG Energy Conservation Glass Co., Ltd
3874	Cardinal Tempering	3948	United Plate Glass Company of Charlotte		
3875	Cardinal Tempering			4027	Tianjin CSG Energy Conservation Glass Co., Ltd
3880	PGT Industries	3949	United Plate Glass Company of Charlotte		
3881	PGT Industries			4028	Tianjin CSG Energy Conservation Glass Co., Ltd
3886	Taiwan Glass Industry Corp.	3950	United Plate Glass Company of Charlotte		
3887	Taiwan Glass Industry Corp.			4030	Tianjin CSG Energy Conservation Glass Co., Ltd
3888	Taiwan Glass Industry Corp.	3951	United Plate Glass Company of Charlotte		
3889	Taiwan Glass Industry Corp.			4031	General Glass
3890	Taiwan Glass Industry Corp.	3952	United Plate Glass Company of Charlotte		
3891	Taiwan Glass Industry Corp.			4032	General Glass
3893	Taiwan Glass Industry Corp.	3954	United Plate Glass Company of Charlotte		
3905	PT Abebersa Pratama			4033	General Glass
3906	PT Abebersa Pratama	3955	United Plate Glass Company of Charlotte		
3907	Oldcastle BuildingEnvelope®			4034	General Glass
3912	Dillmeier Enterprise, Inc.	3957	JYC Glass Co. Ltd.	4046	AGC Flat Glass North America
3913	Dillmeier Enterprise, Inc.			4047	Cardinal CG
3914	Dillmeier Enterprise, Inc.	3958	JYC Glass Co. Ltd.	4048	WSD Glass, Inc.
3915	Dillmeier Enterprise, Inc.			4049	WSD Glass, Inc.
3916	Dillmeier Enterprise, Inc.	3959	JYC Glass Co. Ltd.	4050	WSD Glass, Inc.
3917	Dillmeier Enterprise, Inc.			4051	WSD Glass, Inc.
3918	Pennsylvania Insulating Glass	3960	JYC Glass Co. Ltd.	4052	WSD Glass, Inc.
3919	Pennsylvania Insulating Glass			4054	Oldcastle BuildingEnvelope®
3925	Trulite Glass and Aluminum Solutions	3961	JYC Glass Co. Ltd.	4055	Deqing Sanxing Plastic Chemical Co. Ltd.
3927	Trulite Glass and Aluminum Solutions				
3928	Trulite Glass and Aluminum Solutions	3962	JYC Glass Co. Ltd.	4056	Deqing Sanxing Plastic Chemical Co. Ltd.
3931	Trulite Glass and Aluminum Solutions				
3932	Dongguan CSG Architectural Glass Co., Ltd.	3963	JYC Glass Co. Ltd.	4057	Deqing Sanxing Plastic Chemical Co. Ltd.
3933	Dongguan CSG Architectural Glass Co., Ltd.	3970	GGI Glass Distributors Corp.	4061	Troy Systems LLC
				4062	Troy Systems LLC
3934	Dongguan CSG Architectural Glass Co., Ltd.	3971	GGI Glass Distributors Corp.	4063	Troy Systems LLC
				4067	Shanghai SYP Engineering Glass
		3972	GGI Glass Distributors Corp.	4068	Shanghai SYP Engineering Glass
				4069	Shanghai SYP Engineering Glass
		3973	GGI Glass Distributors Corp.	4070	Shanghai SYP Engineering Glass
				4071	Shanghai SYP Engineering Glass
		3974	GGI Glass Distributors Corp.	4072	Shanghai SYP Engineering Glass
				4073	Shanghai SYP Engineering Glass
		3976	AI Abbar Architectural Glass		
		3977	AI Abbar Architectural Glass		
		3978	SAAND London		
		3979	SAAND London		
		3980	SAAND London		
		3981	SAAND London		
		3991	JYC Glass Co. Ltd.		
		3992	JYC Glass Co. Ltd.		
		3993	JYC Glass Co. Ltd.		
		3994	JYC Glass Co. Ltd.		

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4074	Shanghai SYP Engineering Glass	4169	W. A. Wilson Inc.	4278	SAAND London
4075	Tianjin SYP Engineering Glass Co., Ltd.	4170	W. A. Wilson Inc.	4280	M&M Tempering Inc.
4076	Tianjin SYP Engineering Glass Co., Ltd.	4171	W. A. Wilson Inc.	4281	M&M Tempering Inc.
4077	Tianjin SYP Engineering Glass Co., Ltd.	4172	W. A. Wilson Inc.	4282	M&M Tempering Inc.
4078	Tianjin SYP Engineering Glass Co., Ltd.	4173	W. A. Wilson Inc.	4285	Contour Industries, Inc.
4079	Tianjin SYP Engineering Glass Co., Ltd.	4175	W. A. Wilson Inc.	4290	Thermo BSL
4080	Tianjin SYP Engineering Glass Co., Ltd.	4176	W. A. Wilson Inc.	4291	Thermo BSL
4081	Tianjin SYP Engineering Glass Co., Ltd.	4179	Xinyi Group (Glass) Co., Ltd.	4292	Thermo BSL
4084	Tianjin SYP Engineering Glass Co., Ltd.	4180	Oldcastle BuildingEnvelope®	4293	Thermo BSL
4091	Cardinal IG	4181	Oldcastle BuildingEnvelope®	4299	Mega Tempering
4103	Cardinal IG	4182	Trulite Glass and Aluminum Solutions	4300	Mega Tempering
4104	Cardinal IG	4183	Trulite Glass and Aluminum Solutions	4301	Mega Tempering
4105	Cardinal IG	4184	Trulite Glass and Aluminum Solutions	4303	Jiangmen SYP Engineering Glass
4106	Tianjin CSG Energy Conservation Glass Co., Ltd	4185	Trulite Glass and Aluminum Solutions	4304	Jiangmen SYP Engineering Glass
4107	Tianjin CSG Energy Conservation Glass Co., Ltd	4186	Trulite Glass and Aluminum Solutions	4305	Jiangmen SYP Engineering Glass
4108	Tianjin CSG Energy Conservation Glass Co., Ltd	4187	Trulite Glass and Aluminum Solutions	4306	Jiangmen SYP Engineering Glass
4120	Cardinal LG	4188	Trulite Glass and Aluminum Solutions	4307	Jiangmen SYP Engineering Glass
4121	EFCO Corporation	4189	Trulite Glass and Aluminum Solutions	4308	Jiangmen SYP Engineering Glass
4123	Dongguan Dongfa Glass Product Co., Ltd	4197	United Plate Glass Company of Charlotte	4309	Jiangmen SYP Engineering Glass
4124	Dongguan Dongfa Glass Product Co., Ltd	4198	Glass & Mirror Craft	4310	Jiangmen SYP Engineering Glass
4125	Dongguan Dongfa Glass Product Co., Ltd	4199	Glass & Mirror Craft	4312	Jiangmen SYP Engineering Glass
4126	Dongguan Dongfa Glass Product Co., Ltd	4200	Glass & Mirror Craft	4318	Maryland Glass & Mirror
4132	Dongguan Dongfa Glass Product Co., Ltd	4202	Glass & Mirror Craft	4319	Maryland Glass & Mirror
4133	Oldcastle BuildingEnvelope®	4203	Glass & Mirror Craft	4320	Maryland Glass & Mirror
4134	Trulite Glass and Aluminum Solutions	4204	Glass & Mirror Craft	4321	Maryland Glass & Mirror
4135	Trulite Glass and Aluminum Solutions	4206	SIGCO, Inc.	4322	Maryland Glass & Mirror
4137	Cardinal CG	4207	Trulite Glass and Aluminum Solutions	4326	SIGCO, Inc.
4139	Basco Engineered Products	4209	Trulite Glass and Aluminum Solutions	4327	SIGCO, Inc.
4146	Deqing Sanxing Plastic Chemical Co. Ltd.	4210	Trulite Glass and Aluminum Solutions	4328	Aldora Aluminum and Glass Products Inc.
4147	Deqing Sanxing Plastic Chemical Co. Ltd.	4212	Trulite Glass and Aluminum Solutions	4329	Aldora Aluminum and Glass Products Inc.
4148	Nashville Tempered Glass LLC	4213	Trulite Glass and Aluminum Solutions	4330	Aldora Aluminum and Glass Products Inc.
4152	Trulite Glass and Aluminum Solutions	4214	Trulite Glass and Aluminum Solutions	4331	Aldora Aluminum and Glass Products Inc.
4153	Trulite Glass and Aluminum Solutions	4215	Trulite Glass and Aluminum Solutions	4332	Aldora Aluminum and Glass Products Inc.
4154	EFCO Corporation	4216	Trulite Glass and Aluminum Solutions	4333	Aldora Aluminum and Glass Products Inc.
4156	Qinhuangdao Detai Tempered Glass Co., Ltd.	4217	Trulite Glass and Aluminum Solutions	4334	Aldora Aluminum and Glass Products Inc.
4158	Trulite Glass and Aluminum Solutions	4218	Trulite Glass and Aluminum Solutions	4335	Aldora Aluminum and Glass Products Inc.
4159	Trulite Glass and Aluminum Solutions	4219	Trulite Glass and Aluminum Solutions	4336	Aldora Aluminum and Glass Products Inc.
4160	Trulite Glass and Aluminum Solutions	4220	Trulite Glass and Aluminum Solutions	4337	Aldora Aluminum and Glass Products Inc.
4161	JYC Glass Co. Ltd.	4221	Trulite Glass and Aluminum Solutions	4338	Aldora Aluminum and Glass Products Inc.
4167	Dongguan CSG Architectural Glass Co., Ltd.	4225	RF Supply, Inc.	4339	Aldora Aluminum and Glass Products Inc.
		4226	RF Supply, Inc.	4340	Oldcastle BuildingEnvelope®
		4227	RF Supply, Inc.	4342	Trulite Glass and Aluminum Solutions
		4233	Trulite Glass and Aluminum Solutions	4343	Cardinal CG
		4240	Industrial Tempering Glass	4344	Cardinal CG
		4246	Valentini Glass & Components srl	4345	Cardinal CG
		4247	Oldcastle BuildingEnvelope® Canada Inc.	4346	Oldcastle BuildingEnvelope®
		4248	GGI Glass Distributors Corp.	4347	Cardinal CG
		4249	Viracon Inc.		
		4250	Viracon Inc.		
		4254	Mercer Glass Fab LLC		
		4255	Mercer Glass Fab LLC		
		4256	Mercer Glass Fab LLC		
		4257	Mercer Glass Fab LLC		
		4258	Mercer Glass Fab LLC		
		4277	Trulite Glass and Aluminum Solutions		

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4350	Cardinal LG	4437	Trulite Glass and Aluminum Solutions	4571	Architectural Glass Products, LLC.
4351	Cardinal LG	4443	Oldcastle BuildingEnvelope®	4572	Architectural Glass Products, LLC.
4353	Shanghai SYP Building Glass	4444	Oldcastle BuildingEnvelope®	4573	Architectural Glass Products, LLC.
4354	Viracon Inc.	4446	Oldcastle BuildingEnvelope®	4574	Architectural Glass Products, LLC.
4355	All Team Glass & Mirror, Ltd.	4448	Oldcastle BuildingEnvelope®	4575	Jiangmen SYP Engineering Glass
4356	SAAND Toronto	4449	Oldcastle BuildingEnvelope®	4578	Cardinal CT
4357	SAAND Toronto	4452	Trulite Glass and Aluminum Solutions	4579	Cardinal CT
4358	SAAND Toronto	4453	Trulite Glass and Aluminum Solutions	4580	Cardinal CT
4362	Cardinal IG	4454	Oldcastle BuildingEnvelope®	4581	Cardinal CT
4363	Changshu Zhongxin Bldg. Mat. Co.	4458	Oldcastle BuildingEnvelope®	4582	Cardinal CT
4371	Trulite Glass and Aluminum Solutions	4460	Oldcastle BuildingEnvelope®	4584	Cardinal IG
4372	Trulite Glass and Aluminum Solutions	4461	Oldcastle BuildingEnvelope®	4587	Cardinal IG
4373	Trulite Glass and Aluminum Solutions	4468	Thermoseal Industries, LLC	4588	Intigral
4374	Trulite Glass and Aluminum Solutions	4470	Thermoseal Industries, LLC	4590	Al Abbar Architectural Glass
4375	Glass Dynamics, Inc.	4471	Thermoseal Industries, LLC	4591	New Angle Beveling
4376	Glass Dynamics, Inc.	4473	Insulite Glass Co., Inc.	4592	New Angle Beveling
4379	Wholesale Glass Dist.	4474	Insulite Glass Co., Inc.	4593	New Angle Beveling
4380	Wholesale Glass Dist.	4475	Oldcastle BuildingEnvelope®	4594	New Angle Beveling
4381	Wholesale Glass Dist.	4476	Oldcastle BuildingEnvelope®	4595	New Angle Beveling
4382	Wholesale Glass Dist.	4477	Oldcastle BuildingEnvelope®	4597	White Aluminum Enterprises LLC
4384	Oldcastle BuildingEnvelope®	4499	Diamond Sea Glaze	4598	White Aluminum Enterprises LLC
4387	Oldcastle BuildingEnvelope®	4500	Diamond Sea Glaze	4599	Cardinal CG
4388	Engineered Glass Products, L.L.C.	4501	Diamond Sea Glaze	4604	Guardian Industries Corp.
4392	Oldcastle BuildingEnvelope®	4502	Diamond Sea Glaze	4605	Guardian Industries Corp.
4393	Oldcastle BuildingEnvelope®	4503	Diamond Sea Glaze	4606	Guardian Industries Corp.
4394	Kawneer - (Cranberry) a division of Alcoa	4504	Diamond Sea Glaze	4607	Guardian Industries Corp.
4395	Kawneer - (Cranberry) a division of Alcoa	4505	Diamond Sea Glaze	4608	Guardian Industries Corp.
4396	Oldcastle BuildingEnvelope®	4506	Diamond Sea Glaze	4609	Guardian Industries Corp.
4397	Oldcastle BuildingEnvelope®	4507	Denver Glass Interiors, Inc.	4610	Guardian Industries Corp.
4398	Oldcastle BuildingEnvelope®	4508	Denver Glass Interiors, Inc.	4611	Guardian Industries Corp.
4399	Oldcastle BuildingEnvelope®	4509	Techni-Glass, Inc.	4612	Guardian Industries Corp.
4400	Oldcastle BuildingEnvelope®	4510	Techni-Glass, Inc.	4613	Guardian Industries Corp.
4401	Oldcastle BuildingEnvelope®	4512	Perficom S.A. DE C.V.	4616	American Shower Door
4402	Oldcastle BuildingEnvelope®	4517	Blue Star Glass Inc.	4618	Oldcastle BuildingEnvelope®
4411	Tri-Star Glass, Inc.	4518	Blue Star Glass Inc.	4620	Cardinal CT
4413	Glass Dynamics, Inc.	4519	Blue Star Glass Inc.	4621	Cardinal CT
4414	Glass Dynamics, Inc.	4520	Blue Star Glass Inc.	4622	Cardinal CT
4419	Garibaldi Glass Ind. Inc.	4521	Blue Star Glass Inc.	4623	Cardinal CT
4420	Garibaldi Glass Ind. Inc.	4522	Trulite Glass and Aluminum Solutions	4624	Cardinal CT
4421	Garibaldi Glass Ind. Inc.	4523	Solar Seal Connecticut	4625	Cardinal CT
4422	Garibaldi Glass Ind. Inc.	4524	Multiver	4626	Downey Glass Industries, LLC
4424	Oldcastle BuildingEnvelope®	4526	Oldcastle BuildingEnvelope®	4627	Guardian Industries Corp.
4425	Fairis C.A.	4527	Oldcastle BuildingEnvelope®	4628	Glass Enterprises, Inc.
4426	Fairis C.A.	4528	Oldcastle BuildingEnvelope®	4629	Glass Enterprises, Inc.
4427	Fairis C.A.	4529	Oldcastle BuildingEnvelope®	4633	Guardian Industries Corp.
4428	Fairis C.A.	4530	Mercer Glass Fab LLC	4636	United Plate Glass Company of Charlotte
4429	Fairis C.A.	4533	Oldcastle BuildingEnvelope®	4638	Flat Glass Distributors
4430	Fairis C.A.	4535	Guangdong Golden Glass Technologies	4639	Productos De Valor Agregado en Cristal S.A. de C.V.
4431	Hartung Glass Industries Lami	4543	SIGCO, Inc.	4640	Productos De Valor Agregado en Cristal S.A. de C.V.
4432	Oldcastle BuildingEnvelope® Canada Inc.	4546	Cleer Vision Tempered Glass	4641	Productos De Valor Agregado en Cristal S.A. de C.V.
4433	Oldcastle BuildingEnvelope® Canada Inc.	4547	Cleer Vision Tempered Glass	4642	Productos De Valor Agregado en Cristal S.A. de C.V.
4435	Oldcastle BuildingEnvelope® Canada Inc.	4558	Oldcastle BuildingEnvelope®	4643	Amsco Windows
		4561	Oldcastle BuildingEnvelope®		
		4563	Oldcastle BuildingEnvelope®		
		4566	Dallas Flat Glass		
		4567	Dallas Flat Glass		

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4645	Productos De Valor Agregado en Cristal S.A. de C.V.	4723	Guangdong Golden Glass Technologies	4799	Gulf Glass Industries, LLC
4648	Xinyi Group (Glass) Co., Ltd.	4724	Basco Engineered Products	4800	Guardian Industries Corp.
4651	Vitra Vidrios Transformados SA de CV	4725	View Inc.	4804	Glasswerks LA, Inc. East
4652	Vitra Vidrios Transformados SA de CV	4726	View Inc.	4805	Glasswerks LA, Inc. East
4653	Vitra Vidrios Transformados SA de CV	4727	View Inc.	4806	Glasswerks LA, Inc. East
4654	Vitra Vidrios Transformados SA de CV	4728	View Inc.	4807	Shanghai SYP Building Glass
4655	Vitra Vidrios Transformados SA de CV	4729	Dolphin Glass Specialists, LLC	4811	Paragon Tempered Glass
4656	Guardian Fabrication Inc.	4730	Tacoma Glass Mfg. Inc.	4813	McGrory Glass
4657	Changshu Xingfu Glass Building Material Co., LTD	4731	Tacoma Glass Mfg. Inc.	4814	McGrory Glass
4658	Guardian Industries Corp.	4732	Tacoma Glass Mfg. Inc.	4815	McGrory Glass
4661	The Original Frameless Shower Door	4735	Tacoma Glass Mfg. Inc.	4816	McGrory Glass
4662	The Original Frameless Shower Door	4742	Cardinal CT	4817	McGrory Glass
4663	The Original Frameless Shower Door	4743	Trulite Glass and Aluminum Solutions	4818	McGrory Glass
4667	Trulite Glass and Aluminum Solutions	4744	Trulite Glass and Aluminum Solutions	4819	McGrory Glass
4668	Kohler Company	4745	Trulite Glass and Aluminum Solutions	4820	McGrory Glass
4669	Foshan Nanhai Gangsheng Tempered Glass Factory	4746	Trulite Glass and Aluminum Solutions	4827	Trulite Glass and Aluminum Solutions
4670	Foshan Nanhai Gangsheng Tempered Glass Factory	4747	Trulite Glass and Aluminum Solutions	4829	Guardian Industries Corp.
4671	Foshan Nanhai Gangsheng Tempered Glass Factory	4748	Trulite Glass and Aluminum Solutions	4832	Cameron Glass, Inc.
4672	Foshan Nanhai Gangsheng Tempered Glass Factory	4749	Trulite Glass and Aluminum Solutions	4836	Cardinal IG
4673	Foshan Nanhai Gangsheng Tempered Glass Factory	4750	Trulite Glass and Aluminum Solutions	4837	Berkowitz, J.E.
4675	Reem Emirates Aluminum & Glass	4752	Trulite Glass and Aluminum Solutions	4838	Dillmeier Enterprise, Inc.
4676	Reem Emirates Aluminum & Glass	4753	Trulite Glass and Aluminum Solutions	4839	Dillmeier Enterprise, Inc.
4677	Reem Emirates Aluminum & Glass	4754	Trulite Glass and Aluminum Solutions	4841	Cardinal LG
4682	Integral Seal Mfg. Inc.	4756	Cardinal CT	4842	Cardinal LG
4683	Integral Seal Mfg. Inc.	4757	Cardinal CT	4843	Cardinal LG
4684	Integral Seal Mfg. Inc.	4758	Cardinal CT	4844	Cardinal LG
4688	Basco Engineered Products	4759	Cardinal CT	4846	Al Abbar Architectural Glass
4689	Basco Engineered Products	4760	Cardinal CT	4847	Texas Tempered, a Trulite Glass and Aluminum Solutions Company
4700	Oldcastle BuildingEnvelope®	4763	Dallas Flat Glass	4848	Texas Tempered, a Trulite Glass and Aluminum Solutions Company
4701	Contour Industries, Inc.	4764	Global Security Glazing	4850	Texas Tempered, a Trulite Glass and Aluminum Solutions Company
4702	Contour Industries, Inc.	4765	Global Security Glazing	4851	Texas Tempered, a Trulite Glass and Aluminum Solutions Company
4703	Contour Industries, Inc.	4766	Global Security Glazing	4870	Tai Sheng (Dong Guan) Glass Co.,Ltd
4704	Contour Industries, Inc.	4767	Global Security Glazing	4872	Tai Sheng (Dong Guan) Glass Co.,Ltd
4705	Contour Industries, Inc.	4768	Global Security Glazing	4873	Tai Sheng (Dong Guan) Glass Co.,Ltd
4710	Oldcastle BuildingEnvelope®	4769	Global Security Glazing	4881	Cardinal TG
4711	Pulp Studio Inc.	4770	Global Security Glazing	4882	Oldcastle BuildingEnvelope®
4714	Consolidated Glass Corp.	4774	GGI Glass Distributors Corp.	4883	AGNORA (Architectural Glass North America)
4716	Aldora Aluminum and Glass Products, Inc.	4775	Cardinal CG	4884	AGNORA (Architectural Glass North America)
4717	Aldora Aluminum and Glass Products, Inc.	4779	Viracon Inc.	4885	AGNORA (Architectural Glass North America)
4718	Aldora Aluminum and Glass Products, Inc.	4780	Cardinal CG	4886	AGNORA (Architectural Glass North America)
4719	Aldora Aluminum and Glass Products, Inc.	4781	Cardinal CG	4887	PG Building Glass Processing
4720	Viracon Inc.	4783	Cardinal CG	4889	GlassFab Tempering Services, Inc. Mariani Ct.
4722	Fairis C.A.	4784	Viracon Inc.	4890	GlassFab Tempering Services, Inc. Mariani Ct.
		4785	Consolidated Glass Corp.	4891	GlassFab Tempering Services, Inc. Mariani Ct.
		4787	Oldcastle BuildingEnvelope®		
		4788	Productos De Valor Agregado en Cristal S.A. de C.V.		
		4789	Aldora Aluminum and Glass Products, Inc.		
		4790	Dallas Flat Glass		
		4792	D3 Glass, LLC		
		4793	D3 Glass, LLC		
		4795	D3 Glass, LLC		
		4796	Gulf Glass Industries, LLC		
		4797	Gulf Glass Industries, LLC		
		4798	Gulf Glass Industries, LLC		

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4892	GlassFab Tempering Services, Inc. Mariani Ct.	4981	Trulite Glass and Aluminum Solutions	5077	Zhejiang Zhongli Energy Efficient Glass Mfg. Co., Ltd
4893	GlassFab Tempering Services, Inc. Mariani Ct.	4993	Tweddells Inc.	5078	Zhejiang Zhongli Energy Efficient Glass Mfg. Co., Ltd
4894	GlassFab Tempering Services, Inc. Mariani Ct.	4995	SAAND Rexdale	5079	Zhejiang Zhongli Energy Efficient Glass Mfg. Co., Ltd
4895	GlassFab Tempering Services, Inc. Mariani Ct.	4996	SAAND Rexdale	5080	Zhejiang Zhongli Energy Efficient Glass Mfg. Co., Ltd
4896	GlassFab Tempering Services, Inc. Mariani Ct.	4997	SAAND Rexdale	5081	Zhejiang Zhongli Energy Efficient Glass Mfg. Co., Ltd
4897	GlassFab Tempering Services, Inc. Mariani Ct.	4998	SAAND Rexdale	5084	Aluminum Technology Auxiliary Industries
4900	NY Tempering LLC	4999	SAAND Rexdale	5085	Cardinal CT
4901	NY Tempering LLC	5000	SAAND Rexdale	5086	Cardinal CT
4902	NY Tempering LLC	5001	SAAND Rexdale	5087	Cardinal CT
4903	NY Tempering LLC	5002	SAAND Rexdale	5088	Cardinal CT
4904	Prelco Inc.	5008	SAAND Rexdale	5089	Cardinal CT
4905	Prelco Inc.	5009	Tempco Glass	5090	Fujian Xihe Sanitary Ware Technology Co., Ltd
4906	Prelco Inc.	5010	Tempco Glass	5091	Fujian Xihe Sanitary Ware Technology Co., Ltd
4911	Prelco Inc.	5011	Tempco Glass	5092	Fujian Xihe Sanitary Ware Technology Co., Ltd
4912	Prelco Inc.	5012	Tempco Glass	5093	Louisville Plate Glass
4913	Prelco Inc.	5013	Tempco Glass	5095	Cardinal CT
4914	Prelco Inc.	5014	EFI	5096	Cardinal CT
4915	Prelco Inc.	5016	SAGE Electrochromics Inc.	5097	Cardinal CT
4916	Prelco Inc.	5017	Viracon Inc.	5098	Cardinal CT
4917	Prelco Inc.	5018	Anthony International	5099	Cardinal CT
4918	Troy Systems LLC	5019	S.F. Tempering	5100	Cardinal CT
4921	Columbia Commercial Bldg Prod.	5020	S.F. Tempering	5101	Cardinal CT - S
4922	Trulite Glass and Aluminum Solutions	5021	S.F. Tempering	5102	Cardinal CT - S
4923	Trulite Glass and Aluminum Solutions	5024	Oldcastle BuildingEnvelope® Canada Inc.	5103	Cardinal CT - S
4924	Glass & Mirror Craft	5025	Oldcastle BuildingEnvelope® Canada Inc.	5104	Cardinal CT - S
4925	McGrory Glass	5026	EFI	5105	Cardinal CT - S
4926	Upstate Glass Tempering Inc.	5027	Interglass Corp	5106	Cardinal CT - S
4927	Upstate Glass Tempering Inc.	5032	Interglass Corp	5109	Tri-Star Glass, Inc.
4928	JM Glass	5033	Interglass Corp	5112	Tacoma Glass Mfg. Inc.
4929	JM Glass	5034	Interglass Corp	5116	Glass & Mirror Craft
4930	JM Glass	5035	Interglass Corp	5121	Downey Glass Industries, LLC
4931	JM Glass	5036	Interglass Corp	5122	Downey Glass Industries, LLC
4936	Changshu Zhouxing Glass Co. Ltd.	5037	Vitra Vidrios Transformados SA de CV	5123	Troy Systems LLC
4949	SAAND Ottawa	5039	Triview Glass Industries	5124	Garibaldi Glass Ind. Inc.
4950	SAAND Ottawa	5040	Triview Glass Industries	5125	Garibaldi Glass Ind. Inc.
4951	SAAND Ottawa	5041	Triview Glass Industries	5127	Arlene Stained Glass & Door
4952	SAAND Ottawa	5042	Triview Glass Industries	5128	GlassFab Tempering Services, Inc. Mariani Ct.
4953	SAAND Ottawa	5043	Triview Glass Industries	5129	Qinhuangdao Mingjingyuan Safety Technology Glass Co., Ltd
4954	SAAND Ottawa	5044	Triview Glass Industries	5130	Qinhuangdao Mingjingyuan Safety Technology Glass Co., Ltd
4966	Vidrio Bisel S.A. de C.V.	5045	Triview Glass Industries	5133	Guardian Industries Corp.
4967	Vidrio Bisel S.A. de C.V.	5046	Triview Glass Industries	5134	Trulite Glass and Aluminum Solutions
4968	Vidrio Bisel S.A. de C.V.	5047	Triview Glass Industries	5135	Inkan Ltd
4969	Vidrio Bisel S.A. de C.V.	5048	Triview Glass Industries	5136	Inkan Ltd
4970	Contract Glass	5050	Techni-Glass, Inc.	5137	Inkan Ltd
4971	Contract Glass	5051	Oldcastle BuildingEnvelope®	5138	Inkan Ltd
4972	Contract Glass	5052	Jiangmen SYP Engineering Glass	5139	Inkan Ltd
4973	Contract Glass	5053	Jiangmen SYP Engineering Glass	5140	Inkan Ltd
4974	Contract Glass	5054	Jiangmen SYP Engineering Glass		
4975	Contract Glass	5055	Jiangmen SYP Engineering Glass		
4978	Simonton Windows	5067	Tai Sheng (Dong Guan) Glass Co.,Ltd		
4979	Simonton Windows	5068	Tai Sheng (Dong Guan) Glass Co.,Ltd		
4980	Trulite Glass and Aluminum Solutions	5076	Basco Engineered Products		

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5141	Qinhuangdao Qicaishi Glass Processing Co., Ltd.	5213	SIGCO, Inc.	5276	Trulite Glass and Aluminum Solutions
5142	Guardian Industries Corp.	5216	Fujian Xihe Sanitary Ware Technology Co., Ltd	5277	Trulite Glass and Aluminum Solutions
5143	Glaz-Tech Industries, Inc.	5217	Fujian Xihe Sanitary Ware Technology Co., Ltd	5279	Trulite Glass and Aluminum Solutions
5144	Bendheim Wall Systems	5218	Fujian Xihe Sanitary Ware Technology Co., Ltd	5280	Qinhuangdao Jingxin Glass Co., Ltd.
5145	Bendheim Wall Systems	5219	Garibaldi Glass Ind. Inc.	5281	Cardinal CG
5151	Changshu Xingfu Glass Building Material Co., LTD	5220	Tianjin Northglass Industrial Technical Co., Ltd	5283	American Insulated Glass Inc.
5152	Changshu Xingfu Glass Building Material Co., LTD	5221	Tianjin Northglass Industrial Technical Co., Ltd	5284	American Insulated Glass Inc.
5157	Upstate Glass Tempering Inc.	5222	Berkowitz, J.E.	5285	American Insulated Glass Inc.
5158	Upstate Glass Tempering Inc.	5223	Tianjin Northglass Industrial Technical Co., Ltd	5286	American Insulated Glass Inc.
5159	Classy Glass Specialties Co., Ltd	5224	Cardinal LG Northeast	5287	American Insulated Glass Inc.
5160	Classy Glass Specialties Co., Ltd	5225	Cardinal LG Northeast	5288	American Insulated Glass Inc.
5161	Classy Glass Specialties Co., Ltd	5226	Multiver	5289	American Insulated Glass Inc.
5162	Classy Glass Specialties Co., Ltd	5227	Multiver	5290	Phoenicia Flat Glass Industries
5163	Classy Glass Specialties Co., Ltd	5228	Multiver	5295	Simonton Windows
5164	Classy Glass Specialties Co., Ltd	5229	Nashville Tempered Glass LLC	5296	Simonton Windows
5165	Tacoma Glass Mfg. Inc.	5230	Nashville Tempered Glass LLC	5297	Quaker Window Products, Inc.
5166	Tacoma Glass Mfg. Inc.	5231	Nashville Tempered Glass LLC	5298	Thompson I.G. LLC.
5167	Tacoma Glass Mfg. Inc.	5234	Anthony International	5299	Thompson I.G. LLC.
5169	Classy Glass Specialties Co., Ltd	5242	Paragon Tempered Glass	5301	Thompson I.G. LLC.
5170	Classy Glass Specialties Co., Ltd	5245	Cardinal CT - W	5302	Thompson I.G. LLC.
5173	W. A. Wilson Inc.	5246	Cardinal CT - W	5303	Thompson I.G. LLC.
5174	Blue Star Glass Inc.	5247	Cardinal CT - W	5304	Thompson I.G. LLC.
5175	Blue Star Glass Inc.	5248	Cardinal CT - W	5305	Thompson I.G. LLC.
5176	TG Changjiang Glass Co., Ltd	5249	Cardinal CT - W	5306	Cardinal CG
5177	TG Changjiang Glass Co., Ltd	5250	Cardinal CT - W	5308	ClearEdge Glass
5178	TG Changjiang Glass Co., Ltd	5251	Wujiang Golden Glass Technologies, Ltd.	5310	ClearEdge Glass
5179	TG Changjiang Glass Co., Ltd	5252	Wujiang Golden Glass Technologies, Ltd.	5311	ClearEdge Glass
5183	Trulite Glass and Aluminum Solutions	5253	Wujiang Golden Glass Technologies, Ltd.	5317	Trulite Glass and Aluminum Solutions
5184	Trulite Glass and Aluminum Solutions	5254	Wujiang Golden Glass Technologies, Ltd.	5318	Trulite Glass and Aluminum Solutions
5185	Trulite Glass and Aluminum Solutions	5255	Wujiang Golden Glass Technologies, Ltd.	5320	Trulite Glass and Aluminum Solutions
5186	Trulite Glass and Aluminum Solutions	5256	Wujiang Golden Glass Technologies, Ltd.	5321	Trulite Glass and Aluminum Solutions
5187	Trulite Glass and Aluminum Solutions	5257	Wujiang Golden Glass Technologies, Ltd.	5322	Trulite Glass and Aluminum Solutions
5188	Trulite Glass and Aluminum Solutions	5258	Wujiang Golden Glass Technologies, Ltd.	5335	Cardinal CG
5189	Trulite Glass and Aluminum Solutions	5259	Glass Dynamics, Inc.	5336	Cardinal CG
5190	Trulite Glass and Aluminum Solutions	5260	Dalian Huaying Glass Limited Liability Co.	5337	Trulite Glass and Aluminum Solutions
5191	Trulite Glass and Aluminum Solutions	5261	Dalian Huaying Glass Limited Liability Co.	5338	Trulite Glass and Aluminum Solutions
5192	Trulite Glass and Aluminum Solutions	5262	McGrory Glass	5339	Trulite Glass and Aluminum Solutions
5193	Cardinal LG	5263	McGrory Glass	5340	Trulite Glass and Aluminum Solutions
5194	Virginia Glass Products Corp.	5266	Cardinal CT	5341	Trulite Glass and Aluminum Solutions
5199	Robover Inc.	5272	Trulite Glass and Aluminum Solutions	5343	Trulite Glass and Aluminum Solutions
5200	Robover Inc.	5273	Trulite Glass and Aluminum Solutions	5344	Trulite Glass and Aluminum Solutions
5201	Robover Inc.	5274	Trulite Glass and Aluminum Solutions	5345	Trulite Glass and Aluminum Solutions
5202	Robover Inc.	5275	Trulite Glass and Aluminum Solutions	5346	Trulite Glass and Aluminum Solutions
5203	Basco Engineered Products			5347	Trulite Glass and Aluminum Solutions
5204	PPG Inds. Inc.			5348	Trulite Glass and Aluminum Solutions
5205	PPG Inds. Inc.			5349	Trulite Glass and Aluminum Solutions
5206	PPG Inds. Inc.			5350	Trulite Glass and Aluminum Solutions
5207	PPG Inds. Inc.			5351	Changshu Weier Glass Products Co. Ltd.
5208	EFI			5352	Changshu Weier Glass Products Co. Ltd.
5209	EFI			5353	Changshu Weier Glass Products Co. Ltd.
5210	EFI			5354	Changshu Weier Glass Products Co. Ltd.
5211	EFI			5355	Oldcastle BuildingEnvelope®
5212	Aluminum Technology Auxiliary Industries			5364	Cardinal CT

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<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
5365	Texas Tempered, a Trulite Glass and Aluminum Solutions Company	5441	Tri-Star Glass, Inc.	5503	Produits Verrier International Inc.
5366	Bronco Industries, Inc.	5442	Oldcastle BuildingEnvelope®	5504	Produits Verrier International Inc.
5367	Bronco Industries, Inc.	5443	Trulite Glass and Aluminum Solutions	5505	Produits Verrier International Inc.
5368	Bronco Industries, Inc.	5444	Trulite Glass and Aluminum Solutions	5507	Trulite Glass and Aluminum Solutions
5369	Kawneer - (Cranberry) a division of Alcoa	5445	Trulite Glass and Aluminum Solutions	5508	Trulite Glass and Aluminum Solutions
5383	Virginia Glass Products Corp.	5446	Trulite Glass and Aluminum Solutions	5509	Trulite Glass and Aluminum Solutions
5384	Tweddells Inc.	5447	Trulite Glass and Aluminum Solutions	5510	Trulite Glass and Aluminum Solutions
5385	Tweddells Inc.	5448	Trulite Glass and Aluminum Solutions	5511	Trulite Glass and Aluminum Solutions
5386	Tweddells Inc.	5449	Trulite Glass and Aluminum Solutions	5513	Insulite Glass Co., Inc.
5387	Oldcastle BuildingEnvelope®	5450	Trulite Glass and Aluminum Solutions	5516	Trulite Glass and Aluminum Solutions
5388	Foshan NanHai ZhongKang YiMeiJia Glass Co. Ltd.	5451	Trulite Glass and Aluminum Solutions	5517	Trulite Glass and Aluminum Solutions
5389	Foshan NanHai ZhongKang YiMeiJia Glass Co. Ltd.	5452	S.F. Tempering	5518	Trulite Glass and Aluminum Solutions
5390	Foshan NanHai ZhongKang YiMeiJia Glass Co. Ltd.	5453	Nashville Tempered Glass LLC	5519	TVITEC
5391	Foshan NanHai ZhongKang YiMeiJia Glass Co. Ltd.	5454	Nashville Tempered Glass LLC	5521	Flat Glass Group Co., Ltd.
5392	Foshan NanHai ZhongKang YiMeiJia Glass Co. Ltd.	5455	New Century Glass & Aluminum LLC	5522	Flat Glass Group Co., Ltd.
5393	Vitemex	5456	New Century Glass & Aluminum LLC	5523	Flat Glass Group Co., Ltd.
5394	Vitemex	5457	New Century Glass & Aluminum LLC	5524	Flat Glass Group Co., Ltd.
5395	Vitemex	5458	New Century Glass & Aluminum LLC	5525	Flat Glass Group Co., Ltd.
5396	Trulite Glass and Aluminum Solutions	5459	Oldcastle BuildingEnvelope®	5526	Flat Glass Group Co., Ltd.
5397	Trulite Glass and Aluminum Solutions	5462	Unitex Glass Chengdu Co., Ltd	5527	Solar Seal Massachusetts
5398	Trulite Glass and Aluminum Solutions	5463	Unitex Glass Chengdu Co., Ltd	5529	Qingdao Apis Glass Industries Co. Ltd.
5399	Trulite Glass and Aluminum Solutions	5464	Zhangjiagang City Daming Glass Product Co., Ltd	5530	Qingdao Apis Glass Industries Co. Ltd.
5400	Trulite Glass and Aluminum Solutions	5465	Zhangjiagang City Daming Glass Product Co., Ltd	5531	Qingdao Apis Glass Industries Co. Ltd.
5401	Trulite Glass and Aluminum Solutions	5466	Zhangjiagang City Daming Glass Product Co., Ltd	5532	Xinyi Glass (Tianjin) Co. Ltd.
5404	Trulite Glass and Aluminum Solutions	5467	Sky Land Tempering Glass Corp	5533	Xinyi Glass (Tianjin) Co. Ltd.
5405	Trulite Glass and Aluminum Solutions	5468	Sky Land Tempering Glass Corp	5534	Xinyi Glass (Tianjin) Co. Ltd.
5407	Unitex Glass Chengdu Co., Ltd	5469	Sky Land Tempering Glass Corp	5535	Xinyi Glass (Tianjin) Co. Ltd.
5408	Unitex Glass Chengdu Co., Ltd	5470	Sky Land Tempering Glass Corp	5536	Xinyi Glass (Tianjin) Co. Ltd.
5410	M Industria S.A. DE C.V.	5471	AGC/Poma Glass Co. N.A.	5538	Xinyi Glass (Tianjin) Co. Ltd.
5411	M Industria S.A. DE C.V.	5472	AGC/Poma Glass Co. N.A.	5539	Xinyi Glass (Tianjin) Co. Ltd.
5412	M Industria S.A. DE C.V.	5473	AGC/Poma Glass Co. N.A.	5549	Foshan Nanhai Gangsheng Tempered Glass Factory
5413	M Industria S.A. DE C.V.	5474	AGC/Poma Glass Co. N.A.	5550	Foshan Nanhai Gangsheng Tempered Glass Factory
5414	Unitex Glass Chengdu Co., Ltd	5475	AGC/Poma Glass Co. N.A.	5551	Foshan Nanhai Gangsheng Tempered Glass Factory
5418	Consolidated Armor Products, LLC	5476	AGC/Poma Glass Co. N.A.	5552	Foshan Nanhai Gangsheng Tempered Glass Factory
5419	Consolidated Armor Products, LLC	5477	Trulite Glass and Aluminum Solutions	5554	Downey Glass Industries, LLC
5425	Wolverine Glass Products, Inc.	5478	Trulite Glass and Aluminum Solutions	5555	Viracon Inc.
5426	Wolverine Glass Products, Inc.	5479	Cardinal CT	5556	Viracon Inc.
5427	Wolverine Glass Products, Inc.	5480	Glasswerks LA, Inc. West	5557	Viracon Inc.
5428	Wolverine Glass Products, Inc.	5481	Glasswerks LA, Inc. West	5558	Beijing Wuhua Tianbao Glass Co.
5429	Wolverine Glass Products, Inc.	5482	Glasswerks LA, Inc. West	5559	Beijing Wuhua Tianbao Glass Co.
5430	Wolverine Glass Products, Inc.	5483	Trulite Glass and Aluminum Solutions	5560	Beijing Wuhua Tianbao Glass Co.
5431	Wolverine Glass Products, Inc.	5484	Trulite Glass and Aluminum Solutions	5561	Beijing Wuhua Tianbao Glass Co.
5432	Trulite Glass and Aluminum Solutions	5485	Trulite Glass and Aluminum Solutions	5562	Beijing Wuhua Tianbao Glass Co.
5433	Trulite Glass and Aluminum Solutions	5486	Tai Sheng (Dong Guan) Glass Co.,Ltd	5563	Beijing Wuhua Tianbao Glass Co.
5434	Trulite Glass and Aluminum Solutions	5487	Tai Sheng (Dong Guan) Glass Co.,Ltd	5564	Industrial Tempering Glass
5435	Cardinal IG	5488	Tai Sheng (Dong Guan) Glass Co.,Ltd	5565	Industrial Tempering Glass
5436	Shenzhen Kaitai Glass Co. Ltd	5490	Taiwan Glass Industry Corp.	5566	Rizhao Huaye Glass Co., Ltd.
5437	Shenzhen Kaitai Glass Co. Ltd	5498	Produits Verrier International Inc.	5567	Rizhao Huaye Glass Co., Ltd.
5438	Shenzhen Kaitai Glass Co. Ltd	5499	Produits Verrier International Inc.	5568	Rizhao Huaye Glass Co., Ltd.
5439	Shenzhen Kaitai Glass Co. Ltd	5500	Produits Verrier International Inc.	5569	Rizhao Huaye Glass Co., Ltd.
5440	Shenzhen Kaitai Glass Co. Ltd	5501	Produits Verrier International Inc.	5570	Rizhao Huaye Glass Co., Ltd.
		5502	Produits Verrier International Inc.		

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<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
5571	Rizhao Huaye Glass Co., Ltd.	5627	DDG Glass Manufacturing SDN BHD	5710	Jiaxing Joinbath Corporation
5572	Rizhao Huaye Glass Co., Ltd.	5628	DDG Glass Manufacturing SDN BHD	5711	Jiaxing Joinbath Corporation
5573	Rizhao Huaye Glass Co., Ltd.	5629	Phoenicia Flat Glass Industries	5712	Jiaxing Joinbath Corporation
5574	Aldora Aluminum and Glass Products, Inc.	5630	Oldcastle BuildingEnvelope®	5713	Jiaxing Joinbath Corporation
5575	Aldora Aluminum and Glass Products, Inc.	5631	Trulite Glass and Aluminum Solutions	5719	Quest Window Systems
5576	Aldora Aluminum and Glass Products, Inc.	5632	Trulite Glass and Aluminum Solutions	5720	Cardinal CG
5577	Aldora Aluminum and Glass Products, Inc.	5634	Ready Glass & Mirror, Inc.	5721	Solar Seal Virginia
5579	Aldora Aluminum and Glass Products, Inc.	5635	ATI Windows	5722	Solar Seal Virginia
5580	Rizhao Huaye Glass Co., Ltd.	5636	ATI Windows	5723	Solar Seal Virginia
5581	Rizhao Huaye Glass Co., Ltd.	5637	ATI Windows	5724	Solar Seal Virginia
5582	Viracon Inc.	5638	ATI Windows	5725	Solar Seal Virginia
5584	GlassFab Tempering Services, Inc. Mariani Ct.	5639	ATI Windows	5726	Solar Seal Virginia
5585	Wisconsin Shower Door & Supply Corp	5640	Guardian IG LLC	5727	Robover Inc.
5587	Wisconsin Shower Door & Supply Corp	5641	Guardian IG LLC	5728	Trulite Glass and Aluminum Solutions
5588	Wisconsin Shower Door & Supply Corp	5642	Guardian IG LLC	5729	Nashville Tempered Glass Corp.
5589	Wisconsin Shower Door & Supply Corp	5643	Guardian IG LLC	5730	Thermal Seal Insulating Glass
5590	Wisconsin Shower Door & Supply Corp	5644	Guardian IG LLC	5731	Thermal Seal Insulating Glass
5592	Wisconsin Shower Door & Supply Corp	5645	Guardian IG LLC	5732	Thermal Seal Insulating Glass
5593	Wisconsin Shower Door & Supply Corp	5646	Guardian IG LLC	5733	Thermal Seal Insulating Glass
5594	Wisconsin Shower Door & Supply Corp	5647	Guardian IG LLC	5734	Thermal Seal Insulating Glass
5595	Wisconsin Shower Door & Supply Corp	5655	SAGE Electrochromics Inc.	5735	Thermal Seal Insulating Glass
5596	Wisconsin Shower Door & Supply Corp	5660	SAGE Electrochromics Inc.	5736	Thermal Seal Insulating Glass
5597	Wisconsin Shower Door & Supply Corp	5661	Beijing Wuhua Tianbao Glass Co.	5737	Zhangjiagang Weiyu Fabricated Glass Co. Ltd.
5598	Glass & Mirror Craft	5662	Beijing Wuhua Tianbao Glass Co.	5738	Zhangjiagang Weiyu Fabricated Glass Co. Ltd.
5604	Tai Sheng (Dong Guan) Glass Co.,Ltd	5663	Beijing Wuhua Tianbao Glass Co.	5739	Zhangjiagang Weiyu Fabricated Glass Co. Ltd.
5605	PRL Glass Systems	5664	Beijing Wuhua Tianbao Glass Co.	5740	Zhangjiagang Weiyu Fabricated Glass Co. Ltd.
5606	Clinton Glass Company	5672	Thermo BSL	5746	Trulite Glass and Aluminum Solutions
5607	Clinton Glass Company	5673	Thermo BSL	5747	Trulite Glass and Aluminum Solutions
5608	Clinton Glass Company	5674	Thermo BSL	5748	General Glass
5609	Prelco Inc.	5680	Trulite Glass and Aluminum Solutions	5750	General Glass
5610	Prelco Inc.	5684	Jin Yao Chang Tempered Glass Co., Ltd	5751	General Glass
5611	Prelco Inc.	5685	Dlubak Corporation	5752	Galaxy Glass & Stone
5613	Qingdao Jinjing Co., Ltd.	5686	Trulite Glass and Aluminum Solutions	5755	Cat-I Manufacturing, Inc.
5615	Columbia Commercial Bldg Prod.	5687	Trulite Glass and Aluminum Solutions	5756	Shower Doors & More Inc.
5616	Columbia Commercial Bldg Prod.	5688	Trulite Glass and Aluminum Solutions	5757	Shower Doors & More Inc.
5617	Qingdao Jinjing Co., Ltd.	5689	Qingdao Laurel Enterprise Co., Ltd.	5758	Shower Doors & More Inc.
5621	DDG Glass Manufacturing SDN BHD	5690	Triton Glass LLC	5759	Shower Doors & More Inc.
5622	DDG Glass Manufacturing SDN BHD	5691	Triton Glass LLC	5760	Ningbo XinShuGuang Safety Glass Limited Co., Ltd.
5623	DDG Glass Manufacturing SDN BHD	5692	Triton Glass LLC	5761	M Industria S.A. DE C.V.
5624	DDG Glass Manufacturing SDN BHD	5693	Triton Glass LLC	5762	Tri-Star Glass, Inc.
5625	DDG Glass Manufacturing SDN BHD	5694	Triton Glass LLC	5763	Robover Inc.
5626	DDG Glass Manufacturing SDN BHD	5695	Cristec Vipla SL	5764	Robover Inc.
		5696	Cristec Vipla SL	5765	AVIC Sanxin Co. Ltd.
		5697	Cristec Vipla SL	5766	AVIC Sanxin Co. Ltd.
		5698	Cristec Vipla SL	5767	AVIC Sanxin Co. Ltd.
		5699	Cristec Vipla SL	5768	AVIC Sanxin Co. Ltd.
		5700	Trulite Glass and Aluminum Solutions	5769	AVIC Sanxin Co. Ltd.
		5701	Trulite Glass and Aluminum Solutions	5770	AVIC Sanxin Co. Ltd.
		5702	Trulite Glass and Aluminum Solutions	5771	AVIC Sanxin Co. Ltd.
		5703	Trulite Glass and Aluminum Solutions	5772	New Angle Beveling
		5704	Trulite Glass and Aluminum Solutions	5773	New Angle Beveling
		5705	Trulite Glass and Aluminum Solutions	5774	New Angle Beveling
		5706	Trulite Glass and Aluminum Solutions		
		5707	Trulite Glass and Aluminum Solutions		
		5708	Jiaxing Joinbath Corporation		
		5709	Jiaxing Joinbath Corporation		

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5775	New Angle Beveling	5842	Cardinal CT	5894	Yong Feng Tai Foshan City Glas Co., LTD.
5776	New Angle Beveling	5843	Huahui Glass (China) Co., LD	5896	Trulite Glass and Aluminum Solutions
5777	Jiangyin Mingyang Glass Production	5844	Huahui Glass (China) Co., LD	5897	Trulite Glass and Aluminum Solutions
5778	Jiangyin Mingyang Glass Production	5845	PRESS GLASS SA	5898	Trulite Glass and Aluminum Solutions
5779	Jiangyin Mingyang Glass Production	5846	PRESS GLASS SA	5899	Qinhuangdao Ampac Building Products Co., Ltd.
5780	Jiangyin Mingyang Glass Production	5847	PRESS GLASS SA	5900	Qinhuangdao Ampac Building Products Co., Ltd.
5781	Vidrios el Castillo SC de RL de CV	5848	PRESS GLASS SA	5901	Qinhuangdao Ampac Building Products Co., Ltd.
5782	Trulite Glass and Aluminum Solutions	5849	PRESS GLASS SA	5902	Qinhuangdao Ampac Building Products Co., Ltd.
5783	Trulite Glass and Aluminum Solutions	5850	PRESS GLASS SA	5903	Qinhuangdao Ampac Building Products Co., Ltd.
5784	Trulite Glass and Aluminum Solutions	5851	PRESS GLASS SA	5904	Oldcastle BuildingEnvelope®
5785	Nashville Tempered Glass Corp.	5852	PRESS GLASS SA	5905	Saint Gobain Mexico, S.A. de C.V.
5786	Phoenicia Flat Glass Industries	5853	PRESS GLASS SA	5906	Saint Gobain Mexico, S.A. de C.V.
5788	GnT Glass Co., Ltd.	5854	PRESS GLASS SA	5907	Saint Gobain Mexico, S.A. de C.V.
5789	GnT Glass Co., Ltd.	5855	PRESS GLASS SA	5908	Saint Gobain Mexico, S.A. de C.V.
5790	GnT Glass Co., Ltd.	5856	PRESS GLASS SA	5909	Saint Gobain Mexico, S.A. de C.V.
5791	GnT Glass Co., Ltd.	5857	PRESS GLASS SA	5910	Cardinal IG
5792	Trulite Glass and Aluminum Solutions	5858	PRESS GLASS SA	5911	Cardinal IG
5793	Trulite Glass and Aluminum Solutions	5859	RF Supply, Inc.	5912	Cardinal IG
5794	Trulite Glass and Aluminum Solutions	5860	RF Supply, Inc.	5913	Multiver Inc.
5795	Trulite Glass and Aluminum Solutions	5861	Dongguan Trillion Aluminum Glass Co., Ltd	5914	Multiver Inc.
5796	Trulite Glass and Aluminum Solutions	5862	Dongguan Trillion Aluminum Glass Co., Ltd	5915	Multiver Inc.
5797	Trulite Glass and Aluminum Solutions	5863	Dongguan Trillion Aluminum Glass Co., Ltd	5916	Multiver Inc.
5798	Trulite Glass and Aluminum Solutions	5864	Dongguan Trillion Aluminum Glass Co., Ltd	5917	U.S. Glass Distributors Inc.
5800	Trulite Glass and Aluminum Solutions	5865	Ascent Glass Products (Zhong Shan) Limited	5918	U.S. Glass Distributors Inc.
5801	Trulite Glass and Aluminum Solutions	5866	Ascent Glass Products (Zhong Shan) Limited	5919	U.S. Glass Distributors Inc.
5802	Trulite Glass and Aluminum Solutions	5867	Ascent Glass Products (Zhong Shan) Limited	5920	U.S. Glass Distributors Inc.
5803	Trulite Glass and Aluminum Solutions	5868	Ascent Glass Products (Zhong Shan) Limited	5921	U.S. Glass Distributors Inc.
5804	Trulite Glass and Aluminum Solutions	5869	Ascent Glass Products (Zhong Shan) Limited	5922	U.S. Glass Distributors Inc.
5805	Trulite Glass and Aluminum Solutions	5870	Bronco Industries, Inc.	5923	U.S. Glass Distributors Inc.
5807	Trulite Glass and Aluminum Solutions	5871	Bronco Industries, Inc.	5924	U.S. Glass Distributors Inc.
5808	Trulite Glass and Aluminum Solutions	5872	Bronco Industries, Inc.	5925	U.S. Glass Distributors Inc.
5809	Trulite Glass and Aluminum Solutions	5876	Trulite Glass and Aluminum Solutions	5926	U.S. Glass Distributors Inc.
5810	Trulite Glass and Aluminum Solutions	5877	Trulite Glass and Aluminum Solutions	5927	U.S. Glass Distributors Inc.
5812	Trulite Glass and Aluminum Solutions	5878	Cristec Vipla SL	5936	Trulite Glass and Aluminum Solutions
5813	Trulite Glass and Aluminum Solutions	5879	Trulite Glass and Aluminum Solutions	5937	Trulite Glass and Aluminum Solutions
5816	Trulite Glass and Aluminum Solutions	5882	Glasswerks LA, Inc. East	5938	Comercial Dialum S.A.
5817	Trulite Glass and Aluminum Solutions	5883	Glasswerks LA, Inc. East	5939	Strong Tempering Glass Industry LLC
5818	Trulite Glass and Aluminum Solutions	5884	Glasswerks LA, Inc. East	5940	Strong Tempering Glass Industry LLC
5820	Trulite Glass and Aluminum Solutions	5885	Glasswerks LA, Inc. East	5941	Strong Tempering Glass Industry LLC
5821	Trulite Glass and Aluminum Solutions	5886	Glasswerks LA, Inc. East	5942	Strong Tempering Glass Industry LLC
5822	Trulite Glass and Aluminum Solutions	5887	ATN Holding Inc.	5945	M3 Glass Technologies
5823	Trulite Glass and Aluminum Solutions	5888	ATN Holding Inc.	5946	M3 Glass Technologies
5825	Trulite Glass and Aluminum Solutions	5890	Yong Feng Tai Foshan City Glas Co., LTD.	5947	M3 Glass Technologies
5826	Trulite Glass and Aluminum Solutions	5891	Yong Feng Tai Foshan City Glas Co., LTD.	5961	AGC Mirodan Industrie
5828	Trulite Glass and Aluminum Solutions	5892	Yong Feng Tai Foshan City Glas Co., LTD.	5962	AGC Mirodan Industrie
5829	Trulite Glass and Aluminum Solutions	5893	Yong Feng Tai Foshan City Glas Co., LTD.	5965	Dlubak Corporation
5830	Trulite Glass and Aluminum Solutions			5973	Kensington Glass Arts
5831	Trulite Glass and Aluminum Solutions			5974	Kensington Glass Arts
5832	Trulite Glass and Aluminum Solutions			5975	Kensington Glass Arts
5834	View Inc.			5976	Kensington Glass Arts
5835	Allglass Tempering Inc.			5977	Kensington Glass Arts
5836	Allglass Tempering Inc.				
5837	Allglass Tempering Inc.				
5838	Allglass Tempering Inc.				
5839	Allglass Tempering Inc.				
5840	Vidrios el Castillo SC de RL de CV				
5841	View Inc.				

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5978	Xianning CSG Energy Conservation Glass Co., LTD.	6033	Midwest Glass Fabricators Inc.	6104	Trulite Glass and Aluminum Solutions
5979	Xianning CSG Energy Conservation Glass Co., LTD.	6034	Midwest Glass Fabricators Inc.	6105	Trulite Glass and Aluminum Solutions
5980	Xianning CSG Energy Conservation Glass Co., LTD.	6035	Midwest Glass Fabricators Inc.	6106	Trulite Glass and Aluminum Solutions
5981	Xianning CSG Energy Conservation Glass Co., LTD.	6036	Midwest Glass Fabricators Inc.	6107	Trulite Glass and Aluminum Solutions
5982	Xianning CSG Energy Conservation Glass Co., LTD.	6037	Midwest Glass Fabricators Inc.	6108	Trulite Glass and Aluminum Solutions
5983	Xianning CSG Energy Conservation Glass Co., LTD.	6039	Texas Tempered, a Trulite Glass and Aluminum Solutions Company	6109	Trulite Glass and Aluminum Solutions
5984	Xianning CSG Energy Conservation Glass Co., LTD.	6040	Global Security Glazing	6110	Trulite Glass and Aluminum Solutions
5985	Trulite Glass and Aluminum Solutions	6041	Huachuang Longfei Glass Co., Ltd.	6111	Trulite Glass and Aluminum Solutions
5986	GlassFab Tempering Services Inc. Holly Drive	6042	ATI Windows	6112	Trulite Glass and Aluminum Solutions
5987	GlassFab Tempering Services Inc. Holly Drive	6044	Tianjin Northglass Industrial Technical Co., Ltd	6113	Trulite Glass and Aluminum Solutions
5988	GlassFab Tempering Services Inc. Holly Drive	6045	Trulite Glass and Aluminum Solutions	6114	Trulite Glass and Aluminum Solutions
5989	GlassFab Tempering Services Inc. Holly Drive	6046	Trulite Glass and Aluminum Solutions	6115	Trulite Glass and Aluminum Solutions
5990	GlassFab Tempering Services Inc. Holly Drive	6047	GLASPRO	6116	Viracon Inc.
5991	Cardinal CT	6048	GLASPRO	6117	Viracon Inc.
5998	Carey Glass International	6050	GLASPRO	6119	Foshan Gaoming Yaqi Toughened Glass
5999	Carey Glass International	6052	Custom Glass Products Inc.	6120	Foshan Gaoming Yaqi Toughened Glass
6000	Carey Glass International	6053	Tai Sheng (Dong Guan) Glass Co.,Ltd	6121	Foshan Gaoming Yaqi Toughened Glass
6001	Carey Glass International	6054	Tai Sheng (Dong Guan) Glass Co.,Ltd	6122	Foshan Gaoming Yaqi Toughened Glass
6002	Carey Glass International	6055	Tai Sheng (Dong Guan) Glass Co.,Ltd	6123	Foshan Gaoming Yaqi Toughened Glass
6003	Hanwood Enterprises Limited	6056	Oldcastle BuildingEnvelope®	6124	Foshan Gaoming Yaqi Toughened Glass
6004	Xianning CSG Energy Conservation Glass Co., LTD.	6057	Glasswerks LA, Inc. East	6125	Shanghai Zhenzhen Glassware Co., LTD.
6005	Xianning CSG Energy Conservation Glass Co., LTD.	6058	Vidrios el Castillo SC de RL de CV	6126	Shanghai Zhenzhen Glassware Co., LTD.
6006	Trulite Glass and Aluminum Solutions	6059	Wolverine Glass Products, Inc.	6131	Intex Glass (Xiamen) Co., Ltd.
6007	Trulite Glass and Aluminum Solutions	6060	Wolverine Glass Products, Inc.	6132	Intex Glass (Xiamen) Co., Ltd.
6008	Trulite Glass and Aluminum Solutions	6061	GroupeVFG, a Trulite Glass and Aluminum Solutions Company	6133	Intex Glass (Xiamen) Co., Ltd.
6009	Trulite Glass and Aluminum Solutions	6062	GroupeVFG, a Trulite Glass and Aluminum Solutions Company	6140	Tai Sheng (Dong Guan) Glass Co.,Ltd
6010	Trulite Glass and Aluminum Solutions	6063	GroupeVFG, a Trulite Glass and Aluminum Solutions Company	6141	Tai Sheng (Dong Guan) Glass Co.,Ltd
6011	Trulite Glass and Aluminum Solutions	6064	GroupeVFG, a Trulite Glass and Aluminum Solutions Company	6142	Tai Sheng (Dong Guan) Glass Co.,Ltd
6012	SIGCO, Inc.	6065	GroupeVFG, a Trulite Glass and Aluminum Solutions Company	6143	Cardinal CT
6013	SIGCO, Inc.	6066	GroupeVFG, a Trulite Glass and Aluminum Solutions Company	6144	A.L. Smith Glass Co. Inc.
6014	SIGCO, Inc.	6067	GroupeVFG, a Trulite Glass and Aluminum Solutions Company	6145	A.L. Smith Glass Co. Inc.
6015	Vistamatic	6068	Upstate Glass Tempering Inc.	6146	M Industria S.A. DE C.V.
6016	All Glass (Suqian) Limited	6078	Sfera SRL	6147	M Industria S.A. DE C.V.
6018	Templados Del Centro SA DE C.V.	6079	Sfera SRL	6151	Aluminum Manufacturers Co. Ltd - ALUMATEC
6019	Templados Del Centro SA DE C.V.	6080	Sfera SRL	6152	Aluminum Manufacturers Co. Ltd - ALUMATEC
6020	SCHOTT Gemtron (Canada) Corporation	6081	Sfera SRL	6153	Standard Bent Glass
6021	SCHOTT Gemtron (Canada) Corporation	6082	Vistamatic	6154	Standard Bent Glass
6027	Midwest Glass Fabricators Inc.	6083	Vidrios el Castillo SC de RL de CV	6155	Standard Bent Glass
6028	Midwest Glass Fabricators Inc.	6095	Glasswerks LA, Inc.	6156	Standard Bent Glass
6029	Midwest Glass Fabricators Inc.	6096	Glasswerks LA, Inc.	6170	Templados Del Centro SA DE C.V.
6030	Midwest Glass Fabricators Inc.	6097	Glasswerks LA, Inc.	6171	Viracon Inc.
6031	Midwest Glass Fabricators Inc.	6098	Glasswerks LA, Inc.	6172	Cardinal CT
6032	Midwest Glass Fabricators Inc.	6099	Anthony International	6173	Cardinal CT
		6100	Cardinal IG	6174	Cardinal CT
		6101	Trulite Glass and Aluminum Solutions	6183	Sterling Mirror Company, LLC
		6102	Trulite Glass and Aluminum Solutions	6184	Sterling Mirror Company, LLC
		6103	Trulite Glass and Aluminum Solutions		

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<i>SGCC No.</i>	<i>SGCC No.</i>	<i>SGCC No.</i>
6185	Sterling Mirror Company, LLC	
6194	Glenny Glass Co.	
6195	Oldcastle BuildingEnvelope®	
6196	Kinestral Technologies	
6198	Qingdao Jinjing Co., Ltd.	
6199	Qingdao Jinjing Co., Ltd.	
6200	Intus Windows LLC	
6201	Intus Windows LLC	
6202	Intus Windows LLC	
6203	Jiangyin Mingyang Glass Production	
6204	Stargrup Cam A.S.	
6205	Stargrup Cam A.S.	
6206	Stargrup Cam A.S.	
6207	Stargrup Cam A.S.	
6208	Stargrup Cam A.S.	
6223	Kinestral Technologies	
6226	Whalley Glass Co	
6227	Whalley Glass Co	
6228	Whalley Glass Co	
6229	Whalley Glass Co	
6232	Guangdong South Bright Glass Technology Glass Co., Ltd.	
6233	Guangdong South Bright Glass Technology Glass Co., Ltd.	
6243	Quality Enclosures Tempering, Inc.	
6244	Quality Enclosures Tempering, Inc.	
6245	Quality Enclosures Tempering, Inc.	
6246	Quality Enclosures Tempering, Inc.	
6247	Quality Enclosures Tempering, Inc.	
6248	Quality Enclosures Tempering, Inc.	
6249	Quality Enclosures Tempering, Inc.	
6261	ATN Holding Inc.	
6262	ATN Holding Inc.	
6263	ATN Holding Inc.	
6264	ATN Holding Inc.	

Certified Products-Alphabetical By Plant

SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
		(THICKNESS CLASS)						(THICKNESS CLASS)			
A.L. Smith Glass Co. Inc. ; Ijamsville, MD						Aldora Aluminum and Glass Products Inc. ; Charleston, SC					
6144	COMPOSITE	3/8	10.0 TTG		U A	4328	COMPOSITE	1/8	3.0 TTG		U A
6145	COMPOSITE	1/2	12.0 TTG		U A	4329	COMPOSITE	5/32	4.0 TTG		U A
AGC Flat Glass North America ; Greenland, TN						4330	COMPOSITE	3/16	5.0 TTG		U A
598	COMP+CAN	1/8	3.0 TTG		U A	4331	COMPOSITE	1/4	6.0 TTG		U A
955	COMP+CAN	5/32	4.0 TTG		U A	4335	COMPOSITE	3/8	10.0 TTG		U A
220	COMP+CAN	3/16	5.0 TTG		U A	4336	COMPOSITE	1/2	12.0 TTG		U A
89	COMP+CAN	1/4	6.0 TTG		U A	4332	COMPOSITE	1/8	3.0 TPG (s)		U A
4046	COMP+CAN	5/16	8.0 TTG		U A	4333	COMPOSITE	5/32	4.0 TPG (d)		U A
90	COMP+CAN	3/8	10.0 TTG		U A	4334	COMPOSITE	3/16	5.0 TPG (IN)		U A
587	COMP+CAN	1/8	3.0 TPG (s)		U A	4338	COMPOSITE	1/4	6.0 TPG (m)		U A
2980	COMP+CAN	5/32	4.0 TPG (m)		U A	4339	COMPOSITE	3/8	10.0 TPG (s)		U A
1139	COMP+CAN	3/16	5.0 TPG (s)		U A	4337	COMPOSITE	(H)	8, 12 LTG (lu)(A)	(.060)	U A
AGC Flat Glass North America ; Spring Hill, KS						Aldora Aluminum and Glass Products, Inc. ; Miramar, FL					
1702	COMP+CAN	1/8	3.0 TTG		U A	4716	COMPOSITE	3/16	5.0 TTG		U A
1703	COMP+CAN	5/32	4.0 TTG		U A	4717	COMPOSITE	1/4	6.0 TTG		U A
1704	COMP+CAN	3/16	5.0 TTG		U A	4718	COMPOSITE	3/8	10.0 TTG		U A
1705	COMP+CAN	1/4	6.0 TTG		U A	4719	COMPOSITE	1/2	12.0 TTG		U A
AGC Mirodan Industrie ; Heule, Belgium						4789	COMPOSITE	(H)	12 LTG (lu)(A)(6)	(.090)	U A
5961	COMPOSITE	1/4	6.0 TTG		U A	Aldora Aluminum and Glass Products, Inc. ; Orlando, FL					
5962	COMPOSITE	3/8	10.0 TTG		U A	5574	COMPOSITE	1/8	3.0 TTG		U A
AGC/Poma Glass Co. N.A. ; Boardman, OH						5575	COMPOSITE	3/16	5.0 TTG		U A
5471	COMP+CAN	1/8	3.0 TTG		U A	5576	COMPOSITE	1/4	6.0 TTG		U A
5472	COMP+CAN	5/32	4.0 TTG		U A	5579	COMPOSITE	3/8	10.0 TTG		U A
5473	COMP+CAN	3/16	5.0 TTG		U A	5577	COMPOSITE	1/2	12.0 TTG		U A
5474	COMP+CAN	1/4	6.0 TTG		U A	All Glass (Suqian) Limited ; Suqian City, Jiangsu					
5475	COMP+CAN	1/8	3.0 TPG (m)		U A	6016	COMPOSITE	5/32	4.0 TTG		U A
5476	COMP+CAN	3/16	5.0 TPG (m)		U A	All Team Glass & Mirror, Ltd. ; Woodbridge, ON Canada					
AGC-Poma Glass Co. N.A. ; Quakertown, PA						1754	COMPOSITE	5/32	4.0 TTG		U A
2507	COMPOSITE	1/8	3.0 TTG		U A	1755	COMPOSITE	3/16	5.0 TTG		U A
3421	COMPOSITE	5/32	4.0 TTG		U A	1756	COMPOSITE	1/4	6.0 TTG		U A
2509	COMPOSITE	3/16	5.0 TTG		U A	2790	COMPOSITE	5/16	8.0 TTG		U A
2666	COMPOSITE	1/4	6.0 TTG		U A	1757	COMPOSITE	3/8	10.0 TTG		U A
2510	COMPOSITE	1/8	3.0 TPG (s)		U A	1758	COMPOSITE	1/2	12.0 TTG		U A
3698	COMPOSITE	3/16	5.0 TPG (s)		U A	4355	COMPOSITE	5/8	16.0 TTG		U A
AGNORA (Architectural Glass North America) ; Collingwood, ON Canada						3656	COMPOSITE	3/4	19.0 TTG		U A
4883	COMP+CAN	1/4	6.0 TTG		U A	Allglass Tempering Inc. ; Schiller Park, IL					
4885	COMP+CAN	3/8	10.0 TTG		U A	5835	COMPOSITE	5/32	4.0 TTG		U A
4884	COMP+CAN	1/2	12.0 TTG		U A	5836	COMPOSITE	3/16	5.0 TTG		U A
4886	COMP+CAN	(H)	12+ LTG (b)(A)	(.030)	U A	5837	COMPOSITE	1/4	6.0 TTG		U A
Al Abbar Architectural Glass ; Dubai, United Arab Emirates						5838	COMPOSITE	3/8	10.0 TTG		U A
4846	COMPOSITE	3/16	5.0 TTG		U A	5839	COMPOSITE	1/2	12.0 TTG		U A
3556	COMPOSITE	1/4	6.0 TTG		U A	Aluminum Manufacturers Co. Ltd - ALUMATEC ; Jeddah, Saudi Arabia					
3557	COMPOSITE	5/16	8.0 TTG		U A	6151	COMPOSITE	1/4	6.0 TTG		U A
3558	COMPOSITE	3/8	10.0 TTG		U A	6152	COMPOSITE	5/16	8.0 TTG		U A
4590	COMPOSITE	1/2	12.0 TTG		U A	Aluminum Technology Auxiliary Industries ; Doha, Qatar					
3976	COMPOSITE	*	15.0 TTG (4)		U A	5084	COMPOSITE	3/8	10.0 TTG		U A
3977	COMPOSITE	3/4	19.0 TTG		U A	5212	COMPOSITE	1/2	12.0 TTG		U A
3560	COMPOSITE	(H)	8-16+ LTG (b)(A)	(.030)	U A						

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SGCC#	TEST STD	INCHES (THICKNESS CLASS)	(MM) TYPE	MAX SIZE CERTIFIED CLASS	ANSI	SGCC#	TEST STD	INCHES (THICKNESS CLASS)	(MM) TYPE	MAX SIZE CERTIFIED CLASS	ANSI
American Insulated Glass Inc. ; Conley, GA						ATI Windows ; Riverside, CA					
5283	COMPOSITE	1/8	3.0 TTG		U A	5635	COMPOSITE	1/8	3.0 TTG		U A
5284	COMPOSITE	3/16	5.0 TTG		U A	5636	COMPOSITE	5/32	4.0 TTG		U A
5285	COMPOSITE	1/4	6.0 TTG		U A	5637	COMPOSITE	3/16	5.0 TTG		U A
5286	COMPOSITE	3/8	10.0 TTG		U A	5638	COMPOSITE	1/4	6.0 TTG		U A
5287	COMPOSITE	1/2	12.0 TTG		U A	5639	COMPOSITE	1/8	3.0 TPG (s)		U A
5288	COMPOSITE	1/8	3.0 TPG (m)		U A	6042	COMPOSITE	3/16	5.0 TPG (m)		U A
5289	COMPOSITE	3/16	5.0 TPG (s)		U A	ATN Holding Inc. ; Mira Loma, CA					
American Shower Door ; Los Angeles, CA						5887	COMPOSITE	1/8	3.0 TTG		U A
4616	COMPOSITE	3/16	5.0 TTG		U A	5888	COMPOSITE	3/16	5.0 TTG		U A
3039	COMPOSITE	1/4	6.0 TTG		U A	6262	COMPOSITE	1/4	6.0 TTG		U A
3040	COMPOSITE	3/8	10.0 TTG		U A	6263	COMPOSITE	3/8	10.0 TTG		U A
3041	COMPOSITE	1/2	12.0 TTG		U A	6264	COMPOSITE	1/2	12.0 TTG		U A
3042	COMPOSITE	1/4	6.0 TPG (s)		U A	6261	COMPOSITE	1/8	3.0 TPG (s)		U A
3043	COMPOSITE	3/8	10.0 TPG (s)		U A	AVIC Sanxin Co. Ltd. ; Shenzhen, Guangdong, China					
Amsco Windows ; Salt Lake City, UT						5766	COMPOSITE	1/4	6.0 TTG		U A
2578	COMPOSITE	1/8	3.0 TTG		U A	5767	COMPOSITE	5/16	8.0 TTG		U A
4643	COMPOSITE	5/32	4.0 TTG		U A	5768	COMPOSITE	3/8	10.0 TTG		U A
2580	COMPOSITE	3/16	5.0 TTG		U A	5769	COMPOSITE	1/2	12.0 TTG		U A
2581	COMPOSITE	1/4	6.0 TTG		U A	5770	COMPOSITE	*	15.0 TTG (3)		U A
2582	COMPOSITE	1/8	3.0 TPG (m)		U A	5771	COMPOSITE	3/4	19.0 TTG		U A
2584	COMPOSITE	3/16	5.0 TPG (m)		U A	5765	COMPOSITE	(H)	12 LTG (b)(A)	(.030)	U A
Anthony International ; Madison, GA						Basco Engineered Products ; Hamilton, OH					
3249	COMPOSITE	1/8	3.0 TTG		U A	4139	COMPOSITE	1/8	3.0 TTG		U A
3027	COMPOSITE	5/32	4.0 TTG		U A	4724	COMPOSITE	3/16	5.0 TTG		U A
2352	COMPOSITE	3/16	5.0 TTG		U A	3810	COMPOSITE	1/4	6.0 TTG		U A
2353	COMPOSITE	1/4	6.0 TTG		U A	3811	COMPOSITE	3/8	10.0 TTG		U A
5234	COMPOSITE	5/16	8.0 TTG		U A	3812	COMPOSITE	1/2	12.0 TTG		U A
2453	COMPOSITE	3/8	10.0 TTG		U A	5076	COMPOSITE	3/4	19.0 TTG		U A
5018	COMPOSITE	1/2	13.0 TTG		U A	4688	COMPOSITE	3/16	5.0 TPG (m)		U A
6099	COMPOSITE	5/32	4.0 TBG		U A	4689	COMPOSITE	1/4	6.0 TPG (s)		U A
2306	COMPOSITE	3/16	5.0 TBG		U A	5203	COMPOSITE	3/8	10.0 TPG (m)		U A
2307	COMPOSITE	1/4	6.0 TBG		U A	Beijing Wuhua Tianbao Glass Co. ; Beijing, China					
Anthony International ; San Fernando, CA						5558	COMPOSITE	5/32	4.0 TTG		U A
520	COMPOSITE	1/8	3.0 TTG		U A	5559	COMPOSITE	3/16	5.0 TTG		U A
2289	COMPOSITE	5/32	4.0 TTG		U A	5560	COMPOSITE	1/4	6.0 TTG		U A
999	COMPOSITE	3/16	5.0 TTG		U A	5561	COMPOSITE	5/16	8.0 TTG		U A
1000	COMPOSITE	1/4	6.0 TTG		U A	5562	COMPOSITE	3/8	10.0 TTG		U A
Architectural Glass Products, LLC. ; St. Louis, MO						5563	COMPOSITE	1/2	12.0 TTG		U A
4571	COMPOSITE	1/8	3.0 TTG		U A	5661	COMPOSITE	*	15.0 TTG (3)		U A
4572	COMPOSITE	3/16	5.0 TTG		U A	5662	COMPOSITE	3/4	19.0 TTG		U A
4573	COMPOSITE	1/4	6.0 TTG		U A	5664	COMPOSITE	(H)	12-16+ LTG (b)(A)	(.045)	U A
4574	COMPOSITE	3/16	5.0 TPG (s)		U A	5663	COMPOSITE	(H)	20+ LTG (b)(A)	(.030)	U A
Arlene Stained Glass & Door ; Houston, TX						Bendheim Wall Systems ; Wunsiedel-Holenbrunn, Germany					
5127	COMPOSITE	1/8	3.0 TTG		U A	5145	COMPOSITE	*	6.0 TBP (s)(2)		20x7 A
3583	COMPOSITE	3/16	5.0 TTG		U A	5144	COMPOSITE	*	7.0 TBP (s)(2)		16x7 A
3584	COMPOSITE	1/4	6.0 TTG		U A	2570	COMPOSITE	*	6.0 TBG (2)		20x7 A
3585	COMPOSITE	5/32	4.0 TPG (s)		U A	2569	COMPOSITE	*	7.0 TBG (2)		16x7 A
Ascent Glass Products (Zhong Shan) Limited ; Zhongshan City, Guangdong Province						Berkowitz, J.E. ; Pedricktown, NJ					
5865	COMPOSITE	5/32	4.0 TTG		U A	4837	COMP+CAN	1/4	6.0 TTG		U A
5866	COMPOSITE	3/16	5.0 TTG		U A	2646	COMP+CAN	3/8	10.0 TTG		U A
5867	COMPOSITE	1/4	6.0 TTG		U A	1991	COMP+CAN	1/2	12.0 TTG		U A
5868	COMPOSITE	5/16	8.0 TTG		U A	2647	COMP+CAN	3/4	19.0 TTG		U A
5869	COMPOSITE	3/8	10.0 TTG		U A	5222	COMP+CAN	(S)	6 LTG (b)(A)	(.030)	U A
						3750	COMP+CAN	(H)	8-16+ LTG (b)(A)	(.030)	U A

Certified Products-Alphabetical By Plant

SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI
		(THICKNESS CLASS)						(THICKNESS CLASS)			
Blue Star Glass Inc. ; North Brunswick, NJ						Cardinal CG ; Moreno Valley, CA					
4517	COMPOSITE	1/8	3.0 TTG		U A	2293	COMP+CAN	1/8	3.0 TTG		U A
4518	COMPOSITE	3/16	5.0 TTG		U A	2294	COMP+CAN	5/32	4.0 TTG		U A
4519	COMPOSITE	1/4	6.0 TTG		U A	2295	COMP+CAN	3/16	5.0 TTG		U A
4520	COMPOSITE	3/8	10.0 TTG		U A	2296	COMP+CAN	1/4	6.0 TTG		U A
4521	COMPOSITE	1/2	12.0 TTG		U A	5335	COMP+CAN	1/8	3.0 TPG (s)		U A
5174	COMPOSITE	5/8	16.0 TTG		U A	5336	COMP+CAN	3/16	5.0 TPG (s)		U A
5175	COMPOSITE	3/4	19.0 TTG		U A	Cardinal CG ; Northfield, MN					
Bronco Industries, Inc. ; Delta, BC						1985	COMP+CAN	1/8	3.0 TTG		U A
5870	COMP+CAN	1/8	3.0 TTG		U A	1986	COMP+CAN	5/32	4.0 TTG		U A
5871	COMP+CAN	5/32	4.0 TTG		U A	1987	COMP+CAN	3/16	5.0 TTG		U A
5872	COMP+CAN	3/16	5.0 TTG		U A	1988	COMP+CAN	1/4	6.0 TTG		U A
5366	COMP+CAN	1/4	6.0 TTG		U A	4775	COMP+CAN	5/16	8.0 TTG		U A
5367	COMP+CAN	3/8	10.0 TTG		U A	4137	COMP+CAN	3/8	10.0 TTG		U A
5368	COMP+CAN	1/2	12.0 TTG		U A	2011	COMP+CAN	1/8	3.0 TPG (s)		U A
Cameron Glass, Inc. ; Broken Arrow, OK						2012	COMP+CAN	5/32	4.0 TPG (d)		U A
4832	COMPOSITE	1/8	3.0 TTG		U A	2013	COMP+CAN	3/16	5.0 TPG (m)		U A
2501	COMPOSITE	3/16	5.0 TTG		U A	Cardinal CG ; Spring Green, WI					
2455	COMPOSITE	1/4	6.0 TTG		U A	2067	COMP+CAN	1/8	3.0 TTG		U A
2032	COMP+CAN	3/8	10.0 TTG		U A	2068	COMP+CAN	5/32	4.0 TTG		U A
2033	COMP+CAN	1/2	12.0 TTG		U A	2069	COMP+CAN	3/16	5.0 TTG		U A
Cardinal CG ; Buford, GA						2070	COMP+CAN	1/4	6.0 TTG		U A
1921	COMP+CAN	1/8	3.0 TTG		U A	5281	COMP+CAN	5/16	8.0 TTG		U A
1922	COMP+CAN	5/32	4.0 TTG		U A	2071	COMP+CAN	1/8	3.0 TPG (s)		U A
1923	COMP+CAN	3/16	5.0 TTG		U A	Cardinal CG ; Tumwater, WA					
1924	COMP+CAN	1/4	6.0 TTG		U A	2007	COMP+CAN	1/8	3.0 TTG		U A
2146	COMP+CAN	1/8	3.0 TPG (s)		U A	2008	COMP+CAN	5/32	4.0 TTG		U A
4599	COMP+CAN	3/16	5.0 TPG (s)		U A	2009	COMP+CAN	3/16	5.0 TTG		U A
Cardinal CG ; Galt, CA						2010	COMP+CAN	1/4	6.0 TTG		U A
2357	COMPOSITE	1/8	3.0 TTG		U A	2954	COMP+CAN	1/8	3.0 TPG (s)		U A
2358	COMPOSITE	5/32	4.0 TTG		U A	2955	COMP+CAN	5/32	4.0 TPG (d)		U A
2359	COMPOSITE	3/16	5.0 TTG		U A	2956	COMP+CAN	3/16	5.0 TPG (m)		U A
2360	COMPOSITE	1/4	6.0 TTG		U A	Cardinal CG ; Waxahachie, TX					
3599	COMPOSITE	1/8	3.0 TPG (s)		U A	2699	COMP+CAN	1/8	3.0 TTG		U A
4347	COMPOSITE	5/32	4.0 TPG (m)		U A	2700	COMP+CAN	5/32	4.0 TTG		U A
3601	COMPOSITE	3/16	5.0 TPG (m)		U A	2701	COMP+CAN	3/16	5.0 TTG		U A
Cardinal CG ; Loveland, CO						2702	COMP+CAN	1/4	6.0 TTG		U A
3579	COMPOSITE	1/8	3.0 TTG		U A	4047	COMP+CAN	5/32	4.0 TPG (m)		U A
3580	COMPOSITE	5/32	4.0 TTG		U A	2705	COMP+CAN	3/16	5.0 TPG (m)		U A
3581	COMPOSITE	3/16	5.0 TTG		U A	Cardinal CT ; Adel, GA					
3555	COMPOSITE	1/4	6.0 TTG		U A	5095	COMPOSITE	1/8	3.0 TTG		U A
4343	COMPOSITE	1/8	3.0 TPG (s)		U A	5096	COMPOSITE	5/32	4.0 TTG		U A
4344	COMPOSITE	5/32	4.0 TPG (d)		U A	5097	COMPOSITE	3/16	5.0 TTG		U A
4345	COMPOSITE	3/16	5.0 TPG (m)		U A	5364	COMPOSITE	1/4	6.0 TTG		U A
5720	COMPOSITE	1/4	6.0 TPG (d)		U A	6172	COMPOSITE	3/8	10.0 TTG		U A
Cardinal CG ; Mazomanie, WI						6173	COMPOSITE	1/2	12.0 TTG		U A
4780	COMP+CAN	1/8	3.0 TTG		U A	5098	COMPOSITE	1/8	3.0 TPG (d)		U A
4781	COMP+CAN	5/32	4.0 TTG		U A	5099	COMPOSITE	5/32	4.0 TPG (d)		U A
5306	COMP+CAN	3/16	5.0 TTG		U A	5100	COMPOSITE	3/16	5.0 TPG (d)		U A
4783	COMP+CAN	1/4	6.0 TTG		U A	6174	COMPOSITE	1/4	6.0 TPG (s)		U A

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SGCC#	TEST STD	INCHES (THICKNESS CLASS)	(MM) TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC#	TEST STD	INCHES (THICKNESS CLASS)	(MM) TYPE	MAX SIZE CERTIFIED	ANSI CLASS
Cardinal CT ; Easton, PA						Cardinal IG ; Casa Grande, AZ					
4756	COMP+CAN	1/8	3.0 TTG		U A	2878	COMP+CAN	1/8	3.0 TTG		U A
4757	COMP+CAN	5/32	4.0 TTG		U A	2879	COMP+CAN	5/32	4.0 TTG		U A
4758	COMP+CAN	3/16	5.0 TTG		U A	2880	COMP+CAN	3/16	5.0 TTG		U A
5842	COMP+CAN	1/4	6.0 TTG		U A	2881	COMP+CAN	1/4	6.0 TTG		U A
4759	COMP+CAN	1/8	3.0 TPG (m)		U A	4103	COMP+CAN	1/8	3.0 TPG (s)		U A
4760	COMP+CAN	5/32	4.0 TPG (m)		U A	4104	COMP+CAN	5/32	4.0 TPG (d)		U A
6143	COMP+CAN	3/16	5.0 TPG (s)		U A	4105	COMP+CAN	3/16	5.0 TPG (s)		U A
Cardinal CT ; Los Angeles, CA						Cardinal IG ; Fargo, ND					
5085	COMP+CAN	1/8	3.0 TTG		U A	2235	COMP+CAN	1/8	3.0 TTG		U A
5086	COMP+CAN	5/32	4.0 TTG		U A	2234	COMP+CAN	5/32	4.0 TTG		U A
5087	COMP+CAN	3/16	5.0 TTG		U A	2233	COMP+CAN	3/16	5.0 TTG		U A
5991	COMP+CAN	1/4	6.0 TTG		U A	2232	COMP+CAN	1/4	6.0 TTG		U A
5088	COMP+CAN	1/8	3.0 TPG (s)		U A	2231	COMP+CAN	1/8	3.0 TPG (s)		U A
5089	COMP+CAN	3/16	5.0 TPG (m)		U A	2285	COMP+CAN	5/32	4.0 TPG (m)		U A
Cardinal CT ; Mount Airy, NC						2286	COMP+CAN	3/16	5.0 TPG (s)		U A
4578	COMP+CAN	1/8	3.0 TTG		U A	Cardinal IG ; Fremont, IN					
4579	COMP+CAN	5/32	4.0 TTG		U A	2176	COMP+CAN	1/8	3.0 TTG		U A
4580	COMP+CAN	3/16	5.0 TTG		U A	2177	COMP+CAN	5/32	4.0 TTG		U A
5266	COMP+CAN	1/4	6.0 TTG		U A	2178	COMP+CAN	3/16	5.0 TTG		U A
4581	COMP+CAN	1/8	3.0 TPG (s)		U A	2179	COMP+CAN	1/4	6.0 TTG		U A
4742	COMP+CAN	5/32	4.0 TPG (m)		U A	2203	COMP+CAN	1/8	3.0 TPG (s)		U A
4582	COMP+CAN	3/16	5.0 TPG (s)		U A	2204	COMP+CAN	5/32	4.0 TPG (d)		U A
Cardinal CT ; Utica, OH						2205	COMP+CAN	3/16	5.0 TPG (s)		U A
4620	COMP+CAN	1/8	3.0 TTG		U A	Cardinal IG ; Greenfield, IA					
4621	COMP+CAN	5/32	4.0 TTG		U A	1827	COMP+CAN	1/8	3.0 TTG		U A
4622	COMP+CAN	3/16	5.0 TTG		U A	1828	COMP+CAN	5/32	4.0 TTG		U A
5479	COMP+CAN	1/4	6.0 TTG		U A	1829	COMP+CAN	3/16	5.0 TTG		U A
4623	COMP+CAN	1/8	3.0 TPG (m)		U A	1830	COMP+CAN	1/4	6.0 TTG		U A
4624	COMP+CAN	5/32	4.0 TPG (m)		U A	5435	COMP+CAN	5/16	8.0 TTG		U A
4625	COMP+CAN	3/16	5.0 TPG (m)		U A	1841	COMP+CAN	1/8	3.0 TPG (s)		U A
Cardinal CT - S ; Irving TX						1842	COMP+CAN	5/32	4.0 TPG (d)		U A
5101	COMPOSITE	1/8	3.0 TTG		U A	1843	COMP+CAN	3/16	5.0 TPG (s)		U A
5102	COMPOSITE	5/32	4.0 TTG		U A	Cardinal IG ; Hood River, OR					
5103	COMPOSITE	3/16	5.0 TTG		U A	2831	COMP+CAN	1/8	3.0 TTG		U A
5104	COMPOSITE	1/4	6.0 TTG		U A	2858	COMP+CAN	5/32	4.0 TTG		U A
5105	COMPOSITE	1/8	3.0 TPG (s)		U A	2833	COMP+CAN	3/16	5.0 TTG		U A
5106	COMPOSITE	3/16	5.0 TPG (d)		U A	2834	COMP+CAN	1/4	6.0 TTG		U A
Cardinal CT - W ; Irving TX						2857	COMP+CAN	1/8	3.0 TPG (s)		U A
5245	COMPOSITE	1/8	3.0 TTG		U A	4836	COMP+CAN	5/32	4.0 TPG (d)		U A
5246	COMPOSITE	5/32	4.0 TTG		U A	2859	COMP+CAN	3/16	5.0 TPG (m)		U A
5247	COMPOSITE	3/16	5.0 TTG		U A	Cardinal IG ; Mountain Top, PA					
5248	COMPOSITE	1/4	6.0 TTG		U A	3068	COMP+CAN	1/8	3.0 TTG		U A
5249	COMPOSITE	1/8	3.0 TPG (s)		U A	3069	COMP+CAN	5/32	4.0 TTG		U A
5250	COMPOSITE	3/16	5.0 TPG (d)		U A	3070	COMP+CAN	3/16	5.0 TTG		U A
Cardinal FG ; Durant, OK						3071	COMP+CAN	1/4	6.0 TTG		U A
2909	COMP+CAN	1/8	3.0 TTG		U A	3073	COMP+CAN	1/8	3.0 TPG (m)		U A
2910	COMP+CAN	5/32	4.0 TTG		U A	3115	COMP+CAN	5/32	4.0 TPG (s)		U A
2911	COMP+CAN	3/16	5.0 TTG		U A	3072	COMP+CAN	3/16	5.0 TPG (m)		U A
2912	COMP+CAN	1/4	6.0 TTG		U A						

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SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
		(THICKNESS CLASS)						(THICKNESS CLASS)			
Cardinal IG ; Ocala, FL						Cardinal LG Northeast ; Jessup, PA					
3505	COMPOSITE	1/8	3.0 TTG		U A	5224	COMP+CAN	(S)	5-6 LTG (b)(A)	(.030)	U A
3506	COMPOSITE	5/32	4.0 TTG		U A	5225	COMP+CAN	(H)	8-12 LTG (b)(A)	(.030)	U A
3507	COMPOSITE	3/16	5.0 TTG		U A	Cardinal Tempering ; Louisville, KY					
3508	COMPOSITE	1/4	6.0 TTG		U A	3871	COMPOSITE	5/32	4.0 TTG		U A
4584	COMPOSITE	1/8	3.0 TPG (m)		U A	3872	COMPOSITE	3/16	5.0 TTG		U A
4587	COMPOSITE	1/4	6.0 TPG (s)		U A	3873	COMPOSITE	1/4	6.0 TTG		U A
3509	COMPOSITE	(S)	6 LTG (b)(A)	(.030)	U A	3874	COMPOSITE	3/8	10.0 TTG		U A
6100	COMP+CAN	(S)	6 LTG (ip)(A)	(.035)	U A	3875	COMPOSITE	1/2	12.0 TTG		U A
3510	COMPOSITE	(H)	8-12 LTG (b)(A)	(.030)	U A	Cardinal TG ; Chehalis, WA					
4362	COMPOSITE	(H)	8-12 LTG (ip)(A)	(.035)	U A	3455	COMP+CAN	1/8	3.0 TTG		U A
Cardinal IG ; Spring Green, WI						3456	COMP+CAN	5/32	4.0 TTG		U A
1831	COMP+CAN	1/8	3.0 TTG		U A	3458	COMP+CAN	3/16	5.0 TTG		U A
5910	COMP+CAN	5/32	4.0 TTG		U A	3459	COMP+CAN	1/4	6.0 TTG		U A
5911	COMP+CAN	3/16	5.0 TTG		U A	Cardinal TG ; Tomah, WI					
1834	COMP+CAN	1/4	6.0 TTG		U A	1804	COMP+CAN	1/8	3.0 TTG		U A
1844	COMP+CAN	1/8	3.0 TPG (s)		U A	1805	COMP+CAN	5/32	4.0 TTG		U A
1845	COMP+CAN	5/32	4.0 TPG (m)		U A	1806	COMP+CAN	3/16	5.0 TTG		U A
5912	COMP+CAN	3/16	5.0 TPG (s)		U A	1807	COMP+CAN	1/4	6.0 TTG		U A
Cardinal IG ; Tomah, WI						4881	COMP+CAN	5/16	8.0 TTG (IN)		U A
2317	COMP+CAN	1/8	3.0 TTG		U A	Carey Glass International ; Nenagh, Co. Tipperary					
2318	COMP+CAN	5/32	4.0 TTG		U A	5998	COMP+CAN	1/4	6.0 TTG		U A
2319	COMP+CAN	3/16	5.0 TTG		U A	5999	COMP+CAN	5/16	8.0 TTG		U A
2320	COMP+CAN	1/4	6.0 TTG		U A	6000	COMP+CAN	3/8	10.0 TTG		U A
2321	COMP+CAN	1/8	3.0 TPG (m)		U A	6001	COMP+CAN	(H)	12-16+ LTG (b)(A)	(.060)	U A
2322	COMP+CAN	5/32	4.0 TPG (d)		U A	6002	COMP+CAN	(H)	16+ LTG (ip)(A)	(.060)	U A
2323	COMP+CAN	3/16	5.0 TPG (d)		U A	Cat-I Manufacturing, Inc. ; South Elgin, IL					
Cardinal IG ; Vinton, VA						5755	COMP+CAN	5/32	4.0 TTG	24x3	A
2919	COMP+CAN	1/8	3.0 TTG		U A	Changshu Hard Glass Co., Ltd. ; Changshu, Jiangsu, China					
2920	COMP+CAN	5/32	4.0 TTG		U A	2904	COMPOSITE	1/8	3.0 TTG		U A
2921	COMP+CAN	3/16	5.0 TTG		U A	2987	COMPOSITE	5/32	4.0 TTG		U A
2922	COMP+CAN	1/4	6.0 TTG		U A	2988	COMPOSITE	3/16	5.0 TTG		U A
2923	COMP+CAN	1/8	3.0 TPG (s)		U A	Changshu Weier Glass Products Co. Ltd. ; Changshu, Jiangsu, China					
2924	COMP+CAN	5/32	4.0 TPG (d)		U A	5351	COMPOSITE	1/8	3.0 TTG		U A
3619	COMP+CAN	3/16	5.0 TPG (s)		U A	5352	COMPOSITE	5/32	4.0 TTG		U A
Cardinal IG ; Waxahachie, TX						5353	COMPOSITE	3/16	5.0 TTG		U A
2328	COMP+CAN	1/8	3.0 TTG		U A	5354	COMPOSITE	1/4	6.0 TTG		U A
2329	COMP+CAN	5/32	4.0 TTG		U A	Changshu Xingfu Glass Building Material Co., LTD ; Changshu, Jiangsu, China					
2330	COMP+CAN	3/16	5.0 TTG		U A	4657	COMP+CAN	1/8	3.0 TTG		U A
2331	COMP+CAN	1/4	6.0 TTG		U A	5151	COMP+CAN	5/16	8.0 TTG		U A
2397	COMP+CAN	1/8	3.0 TPG (m)		U A	5152	COMP+CAN	3/8	10.0 TTG		U A
4091	COMP+CAN	5/32	4.0 TPG (d)		U A	Changshu Zhongxin Bldg. Mat. Co. ; Changshu City, China					
2399	COMP+CAN	3/16	5.0 TPG (m)		U A	2432	COMP+CAN	1/8	3.0 TTG		U A
Cardinal LG ; Amery, WI						4363	COMP+CAN	(H)	8 LTG (b)(A)	(.090)	U A
5193	COMP+CAN	3/16	5.0 TTG		U A	Changshu Zhouxing Glass Co. Ltd. ; Changshu, Jiangsu Province, China					
4841	COMP+CAN	1/4	6.0 TTG		U A	4936	COMPOSITE	1/8	3.0 TTG		U A
4842	COMP+CAN	5/16	8.0 TTG		U A						
4843	COMP+CAN	3/8	10.0 TTG		U A						
4844	COMP+CAN	1/2	12.0 TTG		U A						
4120	COMP+CAN	(S)	5 LTG (b)(A)	(.015)(C1)	U B						
4350	COMP+CAN	(S)	5-6 LTG (ip)(A)	(.035)	U A						
2976	COMP+CAN	(S)	5-6 LTG (b)(A)	(.030)	U A						
4351	COMP+CAN	(H)	8-12 LTG (ip)(A)	(.035)	U A						
2462	COMP+CAN	(H)	8-12 LTG (b)(A)	(.030)	U A						

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SGCC#	TEST STD	INCHES (THICKNESS CLASS)	(MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC#	TEST STD	INCHES (THICKNESS CLASS)	(MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
Chicago Tempered Glass, Inc. ; Chicago, IL							Consolidated Glass Corp. ; New Castle, PA						
3086	COMPOSITE	5/32		4.0 TTG		U A	1998	COMP+CAN	1/8		3.0 TTG		U A
3087	COMPOSITE	3/16		5.0 TTG		U A	1999	COMP+CAN	5/32		4.0 TTG		U A
3088	COMPOSITE	1/4		6.0 TTG		U A	2005	COMP+CAN	3/16		5.0 TTG		U A
3089	COMPOSITE	3/8		10.0 TTG		U A	2002	COMP+CAN	1/4		6.0 TTG		U A
3090	COMPOSITE	1/2		12.0 TTG		U A	3635	COMP+CAN	5/16		8.0 TTG		U A
Classy Glass Specialties Co., Ltd ; Dongguan, Guangdong							2003	COMP+CAN	3/8		10.0 TTG		U A
5159	COMPOSITE	1/4		6.0 TTG		U A	2004	COMP+CAN	1/2		12.0 TTG		U A
5160	COMPOSITE	5/16		8.0 TTG		U A	2355	COMP+CAN	5/32		4.0 TPG (m)		U A
5161	COMPOSITE	3/8		10.0 TTG		U A	2354	COMP+CAN	3/16		5.0 TPG (m)		U A
5162	COMPOSITE	1/2		12.0 TTG		U A	4714	COMP+CAN	1/4		6.0 TPG (m)		U A
5163	COMPOSITE	*		15.0 TTG (4)		U A	4785	COMP+CAN	3/8		10.0 TPG (s)		U A
5164	COMPOSITE	3/4		19.0 TTG		U A	Contour Industries, Inc. ; Surgoinsville, TN						
5169	COMPOSITE	(H)		12 LTG (b)(A)	(.060)	U A	1680	COMP+CAN	1/8		3.0 TTG		U A
5170	COMPOSITE	(H)		25+ LTG (b)(A)	(.060)	U A	4285	COMP+CAN	5/32		4.0 TTG		U A
ClearEdge Glass ; Baton Rouge, LA							1678	COMP+CAN	3/16		5.0 TTG		U A
5308	COMPOSITE	1/8		3.0 TTG		U A	1677	COMP+CAN	1/4		6.0 TTG		U A
5310	COMPOSITE	3/16		5.0 TTG		U A	4701	COMP+CAN	5/16		8.0 TTG		U A
5311	COMPOSITE	1/4		6.0 TTG		U A	4702	COMP+CAN	3/8		10.0 TTG		U A
Cleer Vision Tempered Glass ; Elkhart, IN							4703	COMP+CAN	1/8		3.0 TPG (s)		U A
4546	COMP+CAN	1/8		3.0 TTG		U A	4704	COMP+CAN	5/32		4.0 TPG (IN)(s)		U A
4547	COMP+CAN	5/32		4.0 TTG		U A	4705	COMP+CAN	3/16		5.0 TPG (IN)(s)		U A
Clinton Glass Company ; Knoxville, TN							Contract Glass ; Billerica, MA						
5606	COMPOSITE	1/4		6.0 TTG		U A	4970	COMPOSITE	1/8		3.0 TTG		U A
5607	COMPOSITE	3/8		10.0 TTG		U A	4971	COMPOSITE	5/32		4.0 TTG		U A
5608	COMPOSITE	1/2		12.0 TTG		U A	4972	COMPOSITE	3/16		5.0 TTG		U A
Columbia Commercial Bldg Prod. ; Rockwall, TX							4973	COMPOSITE	1/4		6.0 TTG		U A
4921	COMP+CAN	1/4		6.0 TTG		U A	4974	COMPOSITE	3/8		10.0 TTG		U A
5615	COMP+CAN	3/8		10.0 TTG		U A	4975	COMPOSITE	1/2		12.0 TTG		U A
5616	COMP+CAN	1/2		12.0 TTG		U A	Contractors Wardrobe ; Valencia, CA						
Comercial Dialum S.A. ; Santiago, Chile							3464	COMP+CAN	1/8		3.0 TTG		U A
5938	COMPOSITE	(H)		12 LTG (ip)(A)	(.035)	U A	3465	COMP+CAN	5/32		4.0 TTG		U A
Commercial Insulating Glass Co. ; Cumberland City, TN							3466	COMP+CAN	3/16		5.0 TTG		U A
3806	COMPOSITE	1/8		3.0 TTG		U A	3467	COMP+CAN	1/4		6.0 TTG		U A
3807	COMPOSITE	3/16		5.0 TTG		U A	3468	COMP+CAN	5/16		8.0 TTG		U A
3808	COMPOSITE	1/4		6.0 TTG		U A	3469	COMP+CAN	3/8		10.0 TTG		U A
Commercial Insulating Glass Co. ; Sarasota, FL							3470	COMP+CAN	1/2		12.0 TTG		U A
1889	COMPOSITE	1/8		3.0 TTG	30x7 A		3472	COMP+CAN	3/4		19.0 TTG		U A
1890	COMPOSITE	3/16		5.0 TTG	30x7 A		3473	COMP+CAN	1/8		3.0 TPG (m)		U A
1891	COMPOSITE	1/4		6.0 TTG	30x7 A		3474	COMP+CAN	5/32		4.0 TPG (d)		U A
Consolidated Armor Products, LLC ; Addison, TX							3475	COMP+CAN	3/16		5.0 TPG (d)		U A
5418	COMP+CAN	(S)		6 LTG (b)(A)	(.030)	U A	3476	COMP+CAN	1/4		6.0 TPG (m)		U A
5419	COMP+CAN	(H)		8-16+ LTG (b)(A)	(.030)	U A	3477	COMP+CAN	3/8		10.0 TPG (s)		U A
							Coral Industries Glass Division ; Tuscaloosa, AL						
							3420	COMPOSITE	1/8		3.0 TTG		U A
							1910	COMPOSITE	3/16		5.0 TTG		U A
							1911	COMPOSITE	1/4		6.0 TTG		U A
							2144	COMPOSITE	3/8		10.0 TTG		U A
							2145	COMPOSITE	1/2		12.0 TTG		U A
							2644	COMPOSITE	3/4		19.0 TTG		U A
							1964	COMPOSITE	3/16		5.0 TPG (d)		U A
							2944	COMPOSITE	1/4		6.0 TPG (d)		U A
							2945	COMPOSITE	3/8		10.0 TPG (d)		U A

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SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
		(THICKNESS CLASS)						(THICKNESS CLASS)			
Cristec Vipla SL ; Balaguer, Lleida						Diamond Sea Glaze ; Langley, BC Canada					
5695	COMPOSITE	1/4	6.0 TTG		U A	4499	COMPOSITE	5/32	4.0 TTG		U A
5696	COMPOSITE	5/16	8.0 TTG		U A	4500	COMPOSITE	3/16	5.0 TTG		U A
5697	COMPOSITE	3/8	10.0 TTG		U A	4501	COMPOSITE	1/4	6.0 TTG		U A
5698	COMPOSITE	1/2	12.0 TTG		U A	4502	COMPOSITE	5/16	8.0 TTG		U A
5699	COMPOSITE	(H)	12 LTG (b)(A)	(.015)	U A	4503	COMPOSITE	3/8	10.0 TTG		U A
5878	COMPOSITE	(H)	12 LTG (ip)(A)	(.035)	U A	4504	COMPOSITE	1/2	12.0 TTG		U A
Custom Glass Products Inc. ; Weston, WI						4505	COMPOSITE	*	15.0 TTG (3)		U A
4002	COMPOSITE	1/4	6.0 TTG		U A	4506	COMPOSITE	3/4	19.0 TTG		U A
6052	COMPOSITE	1/2	12.0 TTG		U A	Dillmeier Enterprise, Inc. ; Van Buren, AR					
Custom Glass Solutions Millbury Corp. ; Millbury, OH						4838	COMPOSITE	1/8	3.0 TTG		U A
1575	COMPOSITE	5/32	4.0 TTG		U A	3912	COMPOSITE	3/16	5.0 TTG		U A
1576	COMPOSITE	3/16	5.0 TTG		U A	3913	COMPOSITE	1/4	6.0 TTG		U A
1577	COMPOSITE	1/4	6.0 TTG		U A	4839	COMPOSITE	5/16	8.0 TTG		U A
D3 Glass, LLC ; Fort Myers, FL						3914	COMPOSITE	3/8	10.0 TTG		U A
4795	COMPOSITE	1/4	6.0 TTG		U A	3915	COMPOSITE	1/2	12.0 TTG		U A
4792	COMPOSITE	3/8	10.0 TTG		U A	3916	COMPOSITE	5/8	16.0 TTG		U A
4793	COMPOSITE	1/2	12.0 TTG		U A	3917	COMPOSITE	3/4	19.0 TTG		U A
Dalian Huaying Glass Limited Liability Co. ; Liaoning, China						Dlubak Corporation ; Blairsville, PA					
5260	COMP+CAN	1/8	3.0 TTG		U A	3017	COMPOSITE	1/4	6.0 TTG		U A
5261	COMP+CAN	3/16	5.0 TTG		U A	3018	COMPOSITE	1/2	12.0 TTG		U A
Dallas Flat Glass ; Carrollton, TX						3019	COMPOSITE	3/4	19.0 TTG		U A
4790	COMPOSITE	1/8	3.0 TTG		U A	5965	COMPOSITE	1/4	6.0 TBG		U A
4763	COMPOSITE	3/16	5.0 TTG		U A	5685	COMPOSITE	(S)	6 LTG (b)(A)	(.030)	U A
3701	COMPOSITE	1/4	6.0 TTG		U A	Dolphin Glass Specialists, LLC ; Hialeah, FL					
4566	COMPOSITE	3/8	10.0 TTG		U A	4729	COMPOSITE	(H)	12 LTG (b)(A)	(.030)	U A
4567	COMPOSITE	1/2	12.0 TTG		U A	Dongguan CSG Architectural Glass Co., Ltd. ; Dongguan, Guangdong, China					
DDG Glass Manufacturing SDN BHD ; Johor, Malaysia						3932	COMP+CAN	5/32	4.0 TTG		U A
5621	COMP+CAN	5/32	4.0 TTG		U A	3933	COMP+CAN	3/16	5.0 TTG		U A
5622	COMP+CAN	3/16	5.0 TTG		U A	3934	COMP+CAN	1/4	6.0 TTG		U A
5623	COMP+CAN	1/4	6.0 TTG		U A	3935	COMP+CAN	5/16	8.0 TTG		U A
5624	COMP+CAN	5/16	8.0 TTG		U A	3936	COMP+CAN	3/8	10.0 TTG		U A
5625	COMP+CAN	3/8	10.0 TTG		U A	3937	COMP+CAN	1/2	12.0 TTG		U A
5626	COMP+CAN	1/2	12.0 TTG		U A	3938	COMP+CAN	*	15.0 TTG (3)		U A
5627	COMP+CAN	*	15.0 TTG (3)		U A	3939	COMP+CAN	3/4	19.0 TTG		U A
5628	COMP+CAN	*	19.0 TTG (3)		U A	4167	COMP+CAN	(H)	8-12 LTG (b)(A)	(.030)	U A
Denver Glass Interiors, Inc. ; Englewood, CO						Dongguan Dongfa Glass Product Co., Ltd ; Dongguan, Guangdong, China					
3865	COMPOSITE	3/16	5.0 TTG		U A	4132	COMP+CAN	5/16	8.0 TTG		U A
3866	COMPOSITE	1/4	6.0 TTG		U A	4125	COMP+CAN	3/8	10.0 TTG		U A
3867	COMPOSITE	3/8	10.0 TTG		U A	4126	COMP+CAN	1/2	12.0 TTG		U A
3868	COMPOSITE	1/2	12.0 TTG		U A	4123	COMP+CAN	(H)	8-12 LTG (b)(A)	(.030)	U A
4507	COMPOSITE	1/4	6.0 TPG (m)		U A	4124	COMP+CAN	(H)	16+ LTG (b)(A)	(.030)	U A
4508	COMPOSITE	3/8	10.0 TPG (s)		U A	Dongguan Trillion Aluminum Glass Co., Ltd ; Dongguan, Guangdong, China					
Deqing Sanxing Plastic Chemical Co. Ltd. ; Huzhou, Zhejiang, China						5861	COMPOSITE	5/32	4.0 TTG		U A
4055	COMPOSITE	1/8	3.0 TTG		U A	5862	COMPOSITE	1/4	6.0 TTG		U A
4056	COMPOSITE	5/32	4.0 TTG		U A	5863	COMPOSITE	5/32	4.0 TPG (s)		U A
4057	COMPOSITE	3/16	5.0 TTG		U A	5864	COMPOSITE	1/4	6.0 TPG (s)		U A
4146	COMPOSITE	1/4	6.0 TTG		U A						
4147	COMPOSITE	3/8	10.0 TTG		U A						

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SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
		(THICKNESS CLASS)						(THICKNESS CLASS)			
Downey Glass Industries, LLC ; Pompano Beach, FL						Flat Glass Group Co., Ltd. ; Jiaxing, Zhejiang					
2661	COMPOSITE	3/16	5.0 TTG		U A	5521	COMPOSITE	3/16	5.0 TTG		U A
2662	COMPOSITE	1/4	6.0 TTG		U A	5522	COMPOSITE	1/4	6.0 TTG		U A
5554	COMPOSITE	5/16	8.0 TTG		U A	5523	COMPOSITE	5/16	8.0 TTG		U A
2663	COMPOSITE	3/8	10.0 TTG		U A	5524	COMPOSITE	3/8	10.0 TTG		U A
2664	COMPOSITE	1/2	12.0 TTG		U A	5525	COMPOSITE	1/2	12.0 TTG		U A
2665	COMPOSITE	3/4	19.0 TTG		U A	5526	COMPOSITE	(H)	10-16+ LTG (b)(A)	(.030)	U A
3487	COMPOSITE	3/16	5.0 TPG (s)		U A	Foshan Gaoming Yaqi Toughened Glass ; Foshan City, Guangdong Province					
4626	COMPOSITE	3/8	10.0 TPG (s)		U A	6119	COMPOSITE	1/4	6.0 TTG		U A
5121	COMPOSITE	(S)	6 LTG (ip)(A)	(.035)	U A	6120	COMPOSITE	5/16	8.0 TTG		U A
5122	COMPOSITE	(H)	10-16+ LTG (ip)(A)	(.035)	U A	6121	COMPOSITE	3/8	10.0 TTG		U A
Eckelt Glas GmbH ; Steyr, Austria						6122	COMPOSITE	1/2	12.0 TTG		U A
2850	COMPOSITE	1/4	6.0 TTG		U A	6123	COMPOSITE	1/4	6.0 TBG		U A
2851	COMPOSITE	5/16	8.0 TTG		U A	6124	COMPOSITE	5/16	8.0 TBG		U A
2852	COMPOSITE	3/8	10.0 TTG		U A	Foshan Nanhai Gangsheng Tempered Glass Factory ; Foshan, Guangdong, China					
2853	COMPOSITE	*	12.0 TTG (3)		U A	4673	COMP+CAN	5/32	4.0 TTG (IN)		U A
2854	COMPOSITE	*	15.0 TTG (3)		U A	4669	COMP+CAN	3/16	5.0 TTG (IN)		U A
2855	COMPOSITE	3/4	19.0 TTG		U A	4670	COMP+CAN	1/4	6.0 TTG (IN)		U A
EFCO Corporation ; Monett, MO						4671	COMP+CAN	5/16	8.0 TTG (IN)		U A
4121	COMPOSITE	1/8	3.0 TTG		U A	4672	COMP+CAN	3/8	10.0 TTG (IN)		U A
1901	COMPOSITE	3/16	5.0 TTG		U A	5549	COMP+CAN	1/2	12.0 TTG (IN)		U A
1902	COMPOSITE	1/4	6.0 TTG		U A	5550	COMP+CAN	1/4	6.0 TBG (IN)		U A
4154	COMPOSITE	5/16	8.0 TTG		U A	5551	COMP+CAN	5/16	8.0 TBG (IN)		U A
2143	COMPOSITE	3/16	5.0 TPG (s)		U A	5552	COMP+CAN	3/8	10.0 TBG (IN)		U A
EFI ; Kernersville, NC						Foshan NanHai ZhongKang YiMeiJia Glass Co. Ltd. ; Foshan, Guangdong, China					
5014	COMP+CAN	5/32	4.0 TTG		U A	5388	COMPOSITE	3/16	5.0 TTG		U A
5208	COMP+CAN	3/16	5.0 TTG		U A	5389	COMPOSITE	1/4	6.0 TTG		U A
5026	COMP+CAN	1/4	6.0 TTG		U A	5390	COMPOSITE	5/16	8.0 TTG		U A
5209	COMP+CAN	5/16	8.0 TTG		U A	5391	COMPOSITE	3/8	10.0 TTG		U A
5210	COMP+CAN	3/8	10.0 TTG		U A	5392	COMPOSITE	1/2	12.0 TTG		U A
5211	COMP+CAN	1/2	12.0 TTG		U A	Fujian Xihe Sanitary Ware Technology Co., Ltd ; Nan'an Fujian China					
Engineered Glass Products, L.L.C. ; Chicago, IL						5216	COMPOSITE	5/32	4.0 TTG		U A
4388	COMPOSITE	1/8	3.0 TTG	30x7 A		5090	COMPOSITE	3/16	5.0 TTG		U A
2589	COMPOSITE	5/32	4.0 TTG	30x7 A		5091	COMPOSITE	1/4	6.0 TTG		U A
2590	COMPOSITE	3/16	5.0 TTG	30x7 A		5092	COMPOSITE	5/16	8.0 TTG		U A
2698	COMPOSITE	1/4	6.0 TTG	30x7 A		5217	COMPOSITE	5/32	4.0 TPG (s)		U A
Fairis C.A. ; Ambato, Tungurahua, Ecuador						5218	COMPOSITE	1/4	6.0 TPG (s)		U A
4425	COMPOSITE	5/32	4.0 TTG		U A	Galaxy Glass & Stone ; Fairfield, NJ					
4426	COMPOSITE	3/16	5.0 TTG		U A	3661	COMP+CAN	(H)	8-16+ LTG	(.060)	U A
4427	COMPOSITE	1/4	6.0 TTG		U A	5752	COMP+CAN	(H)	10-16+ LTG (ev)(A)	(.060)	U A
4428	COMPOSITE	5/16	8.0 TTG		U A	Garibaldi Glass Ind. Inc. ; Burnaby, BC					
4429	COMPOSITE	3/8	10.0 TTG		U A	5124	COMP+CAN	3/16	5.0 TTG		U A
4722	COMPOSITE	(S)	6 LTG (b)(A)	(.030)	U A	4419	COMP+CAN	1/4	6.0 TTG		U A
4430	COMPOSITE	(H)	10-12 LTG (b)(A)	(.030)	U A	5219	COMP+CAN	5/16	8.0 TTG		U A
Flat Glass Distributors ; Jacksonville, FL						4420	COMP+CAN	3/8	10.0 TTG		U A
3822	COMPOSITE	1/8	3.0 TTG		U A	4421	COMP+CAN	1/2	12.0 TTG		U A
3823	COMPOSITE	3/16	5.0 TTG		U A	5125	COMP+CAN	*	15.0 TTG (3)		U A
3824	COMPOSITE	1/4	6.0 TTG		U A	4422	COMP+CAN	3/4	19.0 TTG		U A
3825	COMPOSITE	3/8	10.0 TTG		U A						
3826	COMPOSITE	1/2	12.0 TTG		U A						
3828	COMPOSITE	1/8	3.0 TPG (m)		U A						
3830	COMPOSITE	3/16	5.0 TPG (m)		U A						
3831	COMPOSITE	1/4	6.0 TPG (s)		U A						
4638	COMPOSITE	3/8	10.0 TPG (s)		U A						

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SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
		(THICKNESS CLASS)						(THICKNESS CLASS)			
General Glass ; Portland, OR						Glass Enterprises, Inc. ; Bensalem, PA					
4031	COMPOSITE	1/8	3.0 TTG		U A	4628	COMPOSITE	3/16	5.0 TTG		U A
4032	COMPOSITE	5/32	4.0 TTG		U A	4629	COMPOSITE	1/4	6.0 TTG		U A
4033	COMPOSITE	3/16	5.0 TTG		U A	GlassFab Tempering Services Inc. Holly Drive ; Tracy, CA					
4034	COMPOSITE	1/4	6.0 TTG		U A	5986	COMPOSITE	3/16	5.0 TTG		U A
5751	COMPOSITE	1/2	12.0 TTG		U A	5987	COMPOSITE	1/4	6.0 TTG		U A
5750	COMPOSITE	1/8	3.0 TPG (s)		U A	5988	COMPOSITE	3/8	10.0 TTG		U A
5748	COMPOSITE	3/16	5.0 TPG (s)		U A	5989	COMPOSITE	1/2	12.0 TTG		U A
GGI Glass Distributors Corp. ; Secaucus, NJ						5990	COMPOSITE	3/4	19.0 TTG		U A
2928	COMPOSITE	5/32	4.0 TTG (IN)		U A	GlassFab Tempering Services, Inc. Mariani Ct. ; Tracy, CA					
2226	COMPOSITE	3/16	5.0 TTG		U A	5584	COMPOSITE	1/8	3.0 TTG		U A
2227	COMPOSITE	1/4	6.0 TTG		U A	4889	COMPOSITE	3/16	5.0 TTG		U A
4248	COMPOSITE	5/16	8.0 TTG		U A	4891	COMPOSITE	1/4	6.0 TTG		U A
2282	COMPOSITE	3/8	10.0 TTG		U A	4892	COMPOSITE	3/8	10.0 TTG		U A
2228	COMPOSITE	1/2	12.0 TTG		U A	4890	COMPOSITE	1/2	12.0 TTG		U A
3857	COMPOSITE	5/8	16.0 TTG		U A	4893	COMPOSITE	3/4	19.0 TTG		U A
3858	COMPOSITE	3/4	19.0 TTG		U A	4894	COMPOSITE	1/8	3.0 TPG (s)		U A
4774	COMPOSITE	1	25.0 TTG (IN)		U A	5128	COMPOSITE	5/32	4.0 TPG (d)		U A
3970	COMPOSITE	5/32	4.0 TPG (IN)(s)		U A	4895	COMPOSITE	3/16	5.0 TPG (m)		U A
3971	COMPOSITE	3/16	5.0 TPG (s)		U A	4896	COMPOSITE	1/4	6.0 TPG (m)		U A
3972	COMPOSITE	1/4	6.0 TPG (s)		U A	4897	COMPOSITE	3/8	10.0 TPG (s)		U A
3973	COMPOSITE	3/8	10.0 TPG (s)		U A	Glasswerks LA, Inc. ; Temecula, CA					
3974	COMPOSITE	1/2	12.0 TPG (IN)(s)		U A	6095	COMP+CAN	3/16	5.0 TTG		U A
GLASPRO ; Santa Fe Springs, CA						6096	COMP+CAN	1/4	6.0 TTG		U A
6047	COMP+CAN	1/4	6.0 TTG		U A	6097	COMP+CAN	3/8	10.0 TTG		U A
6048	COMP+CAN	1/2	12.0 TTG		U A	6098	COMP+CAN	1/2	12.0 TTG		U A
6050	COMP+CAN	(H)	12, 19 LTG (b)(A)	(.030)	U A	Glasswerks LA, Inc. East ; South Gate, CA					
Glass & Mirror Craft ; Wixom, MI						4804	COMPOSITE	1/8	3.0 TTG		U A
4198	COMP+CAN	1/8	3.0 TTG		U A	5882	COMPOSITE	5/32	4.0 TTG		U A
5116	COMP+CAN	5/32	4.0 TTG		U A	4805	COMPOSITE	3/16	5.0 TTG		U A
4199	COMP+CAN	3/16	5.0 TTG		U A	4806	COMPOSITE	1/4	6.0 TTG		U A
4200	COMP+CAN	1/4	6.0 TTG		U A	5883	COMPOSITE	3/8	10.0 TTG		U A
5598	COMP+CAN	3/8	10.0 TTG		U A	5884	COMPOSITE	1/2	12.0 TTG		U A
4202	COMP+CAN	1/2	12.0 TTG		U A	5885	COMPOSITE	3/4	19.0 TTG		U A
4203	COMP+CAN	5/8	16.0 TTG		U A	6057	COMPOSITE	(H)	12 LTG (ip)(A)	(.060)	U A
4204	COMP+CAN	3/4	19.0 TTG		U A	5886	COMPOSITE	(H)	12 LTG (b)(A)	(.060)	U A
4924	COMP+CAN	(H)	12-16+ LTG (ip)(A)	(.035)	U A	Glasswerks LA, Inc. West ; South Gate CA					
Glass Design of Miami, Inc. ; Miami, FL						5480	COMPOSITE	5/32	4.0 TTG		U A
3453	COMPOSITE	1/4	6.0 TTG		U A	5481	COMPOSITE	3/16	5.0 TTG		U A
3454	COMPOSITE	3/8	10.0 TTG		U A	5482	COMPOSITE	1/4	6.0 TTG		U A
3607	COMPOSITE	1/2	12.0 TTG		U A	Glaz-Tech Industries, Inc. ; Englewood, CO					
Glass Dynamics, Inc. ; Stoneville, NC						2185	COMPOSITE	1/8	3.0 TTG		U A
2728	COMPOSITE	1/8	3.0 TTG		U A	2186	COMPOSITE	3/16	5.0 TTG		U A
2730	COMPOSITE	3/16	5.0 TTG		U A	2187	COMPOSITE	1/4	6.0 TTG		U A
2732	COMPOSITE	1/4	6.0 TTG		U A	5143	COMPOSITE	3/8	10.0 TTG		U A
5259	COMPOSITE	5/16	8.0 TTG		U A	2189	COMPOSITE	1/2	12.0 TTG		U A
2729	COMPOSITE	3/8	10.0 TTG		U A	2193	COMPOSITE	3/16	5.0 TPG (s)		U A
2733	COMPOSITE	1/2	12.0 TTG		U A	Glenny Glass Co. ; Milford, OH					
2731	COMPOSITE	5/8	16.0 TTG		U A	3841	COMPOSITE	1/8	3.0 TTG		U A
2734	COMPOSITE	3/4	19.0 TTG		U A	3843	COMPOSITE	3/16	5.0 TTG		U A
4413	COMPOSITE	(S)	6 LTG (ip)(A)	(.035)	U A	3844	COMPOSITE	1/4	6.0 TTG		U A
4375	COMPOSITE	(S)	6 LTG (b)(A)	(.030)	U A	3845	COMPOSITE	3/8	10.0 TTG		U A
4414	COMPOSITE	(H)	8-16+ LTG (ip)(A)	(.035)	U A	3846	COMPOSITE	1/2	12.0 TTG		U A
4376	COMPOSITE	(H)	8-16+ LTG (b)(A)	(.030)	U A	6194	COMPOSITE	(H)	10 LTG (ev)(A)	(.030)	U A

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SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
		(THICKNESS CLASS)						(THICKNESS CLASS)			
Global Security Glazing ; Selma, AL						Guardian IG LLC ; Sun Prairie, WI					
4764	COMP+CAN	1/8	3.0 TTG		U A	5640	COMP+CAN	1/8	3.0 TTG		U A
4765	COMP+CAN	3/16	5.0 TTG		U A	5641	COMP+CAN	5/32	4.0 TTG		U A
4766	COMP+CAN	1/4	6.0 TTG		U A	5642	COMP+CAN	3/16	5.0 TTG		U A
4767	COMP+CAN	3/8	10.0 TTG		U A	5643	COMP+CAN	1/4	6.0 TTG		U A
4768	COMP+CAN	1/2	12.0 TTG		U A	5644	COMP+CAN	1/8	3.0 TPG (d)		U A
4769	COMP+CAN	(S)	6 LTG (b)(A)	(.030)	U A	5645	COMP+CAN	5/32	4.0 TPG (d)		U A
6040	COMP+CAN	(H)	10 LTG (b)(A)	(.150)	U A	5646	COMP+CAN	3/16	5.0 TPG (d)		U A
4770	COMP+CAN	(H)	12 LTG (b)(A)	(.060)	U A	5647	COMP+CAN	1/4	6.0 TPG (d)		U A
GnT Glass Co., Ltd. ; Dongguan, Guangdong, China						Guardian Industries Corp. ; Carleton, MI					
5788	COMP+CAN	5/16	8.0 TTG		U A	933	COMPOSITE	1/8	3.0 TTG		U A
5789	COMP+CAN	3/8	10.0 TTG		U A	934	COMPOSITE	5/32	4.0 TTG		U A
5790	COMP+CAN	1/2	12.0 TTG		U A	631	COMPOSITE	3/16	5.0 TTG		U A
5791	COMP+CAN	(H)	21 LTG (b)(A)	(.060)	U A	131	COMPOSITE	1/4	6.0 TTG		U A
Goldray Industries Ltd. ; Calgary, AB Canada						Guardian Industries Corp. ; Corsicana, TX					
2445	COMP+CAN	5/32	4.0 TTG		U A	1248	COMP+CAN	1/8	3.0 TTG		U A
2446	COMP+CAN	3/16	5.0 TTG		U A	1249	COMP+CAN	5/32	4.0 TTG		U A
2447	COMP+CAN	1/4	6.0 TTG		U A	1250	COMP+CAN	3/16	5.0 TTG		U A
2448	COMP+CAN	3/8	10.0 TTG		U A	1251	COMP+CAN	1/4	6.0 TTG		U A
2449	COMP+CAN	1/2	12.0 TTG		U A	1826	COMP+CAN	5/16	8.0 TTG		U A
GroupeVFG, a Trulite Glass and Aluminum Solutions Company ; Bois-des-Filion, Quebec						1253	COMP+CAN	3/8	10.0 TTG		U A
6061	COMP+CAN	3/16	5.0 TTG		U A	1803	COMP+CAN	1/2	12.0 TTG		U A
6062	COMP+CAN	1/4	6.0 TTG		U A	2458	COMP+CAN	1/8	3.0 TPG (m)		U A
6063	COMP+CAN	5/16	8.0 TTG		U A	2459	COMP+CAN	5/32	4.0 TPG (m)		U A
6064	COMP+CAN	3/8	10.0 TTG		U A	2460	COMP+CAN	3/16	5.0 TPG (m)		U A
6065	COMP+CAN	1/2	12.0 TTG		U A	5142	COMP+CAN	1/4	6.0 TPG (m)		U A
6066	COMP+CAN	5/8	16.0 TTG		U A	5133	COMP+CAN	3/8	10.0 TPG (m)		U A
6067	COMP+CAN	3/4	19.0 TTG		U A	Guardian Industries Corp. ; DeWitt, IA					
Guangdong Golden Glass Technologies ; Shantou, Guangdong, China						2020	COMPOSITE	1/8	3.0 TTG		U A
3941	COMP+CAN	1/4	6.0 TTG		U A	2021	COMPOSITE	5/32	4.0 TTG		U A
3942	COMP+CAN	5/16	8.0 TTG		U A	2022	COMPOSITE	3/16	5.0 TTG		U A
3943	COMP+CAN	3/8	10.0 TTG		U A	2023	COMPOSITE	1/4	6.0 TTG		U A
3944	COMP+CAN	1/2	12.0 TTG		U A	2024	COMPOSITE	5/16	8.0 TTG		U A
3945	COMP+CAN	*	15.0 TTG (3)		U A	2545	COMPOSITE	3/8	10.0 TTG		U A
3946	COMP+CAN	3/4	19.0 TTG		U A	2649	COMPOSITE	1/2	12.0 TTG		U A
4535	COMP+CAN	7/8	22.0 TTG		U A	Guardian Industries Corp. ; Galax, VA					
3947	COMP+CAN	(H)	10-16+ LTG (b)(A)	(.030)	U A	4604	COMP+CAN	1/8	3.0 TTG		U A
4723	COMP+CAN	(H)	16+ LTG (ip)(A)	(.060)	U A	4605	COMP+CAN	5/32	4.0 TTG		U A
Guangdong South Bright Glass Technology Glass Co., Ltd. ; Foshan, Guangdong						4606	COMP+CAN	3/16	5.0 TTG		U A
6232	COMPOSITE	5/16	8.0 TTG		U A	4607	COMP+CAN	1/4	6.0 TTG		U A
6233	COMPOSITE	(H)	12 LTG (b)(A)	(.060)	U A	4608	COMP+CAN	5/16	8.0 TTG		U A
Guardian Fabrication Inc. ; Webster, MA						4609	COMP+CAN	3/8	10.0 TTG		U A
300	COMPOSITE	1/8	3.0 TTG		U A	4610	COMP+CAN	1/2	12.0 TTG		U A
1607	COMPOSITE	5/32	4.0 TTG		U A	4611	COMP+CAN	3/4	19.0 TTG (IN)		U A
1216	COMPOSITE	3/16	5.0 TTG		U A	4612	COMP+CAN	1/8	3.0 TPG (s)		U A
662	COMPOSITE	1/4	6.0 TTG		U A	4613	COMP+CAN	3/16	5.0 TPG (m)		U A
471	COMPOSITE	3/8	10.0 TTG		U A	4627	COMP+CAN	3/8	10.0 TPG (s)		U A
1235	COMPOSITE	1/2	12.0 TTG		U A	4800	COMP+CAN	(S)	6 LTG (b)(p)(el)(6)(A)(.075)		U A
3604	COMPOSITE	1/8	3.0 TPG (s)		U A	4633	COMP+CAN	(S)	6 LTG (b)(A)(.030)		U A
2451	COMPOSITE	5/32	4.0 TPG (m)		U A	4658	COMP+CAN	(H)	8 LTG (b)(A)(.030)		U A
2603	COMPOSITE	3/16	5.0 TPG (m)		U A	4829	COMP+CAN	(H)	8-10 LTG (b)(p)(el)(6)(A)(.075)		U A
3024	COMPOSITE	7/32	5.6 TPG (m)		U A						
4656	COMPOSITE	1/4	6.0 TPG (s)		U A						

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SGCC#	TEST STD	INCHES (THICKNESS CLASS)	(MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC#	TEST STD	INCHES (THICKNESS CLASS)	(MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
Guardian Industries Corp. ; Geneva, NY							Inkan Ltd ; Brampton, ON						
2259	COMPOSITE	1/8		3.0 TTG		U A	5135	COMP+CAN	1/4		6.0 TTG		U A
2260	COMPOSITE	5/32		4.0 TTG		U A	5136	COMP+CAN	5/16		8.0 TTG		U A
2261	COMPOSITE	3/16		5.0 TTG		U A	5137	COMP+CAN	3/8		10.0 TTG		U A
2262	COMPOSITE	1/4		6.0 TTG		U A	5138	COMP+CAN	1/2		12.0 TTG		U A
3672	COMPOSITE	5/16		8.0 TTG		U A	5139	COMP+CAN	5/8		16.0 TTG		U A
2519	COMPOSITE	3/8		10.0 TTG		U A	5140	COMP+CAN	3/4		19.0 TTG		U A
3673	COMPOSITE	1/2		12.0 TTG		U A	Innovative Glass of America, Inc. ; Dallas, NC						
Guardian Industries Corp. ; Kingsburg, CA							3859	COMPOSITE	1/8		3.0 TTG		U A
968	COMP+CAN	1/8		3.0 TTG		U A	3860	COMPOSITE	5/32		4.0 TTG		U A
969	COMP+CAN	5/32		4.0 TTG		U A	3861	COMPOSITE	3/16		5.0 TTG		U A
970	COMP+CAN	3/16		5.0 TTG		U A	3862	COMPOSITE	1/4		6.0 TTG		U A
971	COMP+CAN	1/4		6.0 TTG		U A	3863	COMPOSITE	3/8		10.0 TTG		U A
1303	COMP+CAN	1/8		3.0 TPG (d)		U A	3864	COMPOSITE	1/2		12.0 TTG		U A
1301	COMP+CAN	5/32		4.0 TPG (m)		U A	Insulite Glass Co., Inc. ; Olathe, KS						
1304	COMP+CAN	3/16		5.0 TPG (m)		U A	4473	COMPOSITE	1/8		3.0 TTG		U A
1882	COMP+CAN	1/4		6.0 TPG (m)		U A	4474	COMPOSITE	5/32		4.0 TTG		U A
Guardian Industries Corp. ; Richburg, SC							3714	COMPOSITE	3/16		5.0 TTG		U A
1630	COMPOSITE	1/8		3.0 TTG		U A	3715	COMPOSITE	1/4		6.0 TTG		U A
1631	COMPOSITE	5/32		4.0 TTG		U A	3716	COMPOSITE	3/8		10.0 TTG		U A
1632	COMPOSITE	3/16		5.0 TTG		U A	3717	COMPOSITE	1/2		12.0 TTG		U A
1633	COMPOSITE	1/4		6.0 TTG		U A	3718	COMPOSITE	(S)		6 LTG (b)(A)	(.030)	U A
2382	COMPOSITE	5/16		8.0 TTG		U A	3720	COMPOSITE	(H)		8 LTG (b)(A)	(.060)	U A
1634	COMPOSITE	3/8		10.0 TTG		U A	5513	COMPOSITE	(H)		10-12 LTG (b)(A)	(.030)	U A
1683	COMPOSITE	1/8		3.0 TPG (m)		U A	Integral Seal Mfg. Inc. ; Concord, ON Canada						
1635	COMPOSITE	5/32		4.0 TPG (m)		U A	4682	COMP+CAN	5/32		4.0 TTG		U A
1865	COMPOSITE	3/16		5.0 TPG (m)		U A	4683	COMP+CAN	3/16		5.0 TTG		U A
3002	COMPOSITE	1/4		6.0 TPG (m)		U A	4684	COMP+CAN	1/4		6.0 TTG		U A
3003	COMPOSITE	3/8		10.0 TPG (m)		U A	Interglass Corp ; Miami, FL						
Gulf Glass Industries, LLC ; Sharjah, United Arab Emirates							5032	COMPOSITE	3/16		5.0 TTG		U A
4796	COMPOSITE	1/4		6.0 TTG		U A	5033	COMPOSITE	1/4		6.0 TTG		U A
4797	COMPOSITE	3/8		10.0 TTG		U A	5034	COMPOSITE	3/8		10.0 TTG		U A
4798	COMPOSITE	*		12.0 TTG (7)		U A	5035	COMPOSITE	1/2		12.0 TTG		U A
4799	COMPOSITE	(H)		8 LTG (b)(A)	(.030)	U A	5036	COMPOSITE	3/4		19.0 TTG		U A
Hanwood Enterprises Limited ; Wanchai, Hong Kong							5027	COMPOSITE	3/8		10.0 TPG (s)		U A
6003	COMPOSITE	(H)		8 LTG (b)(A)	(.090)	U A	Intex Glass (Xiamen) Co., Ltd. ; Xiamen, Fujian, China						
Hartung Glass Industries Lami ; Langley, BC Canada							2572	COMP+CAN	1/8		3.0 TTG		U A
4431	COMPOSITE	(H)		16+ LTG (ip)(A)	(.070)	U A	2573	COMP+CAN	5/32		4.0 TTG		U A
Huachuang Longfei Glass Co., Ltd. ; Heibei China							2574	COMP+CAN	3/16		5.0 TTG		U A
6041	COMPOSITE	1/8		3.0 TTG		U A	2575	COMP+CAN	1/4		6.0 TTG		U A
Huahui Glass (China) Co., LD ; Quanzhou City, China							3025	COMP+CAN	5/16		8.0 TTG		U A
5843	COMPOSITE	5/32		4.0 TTG		U A	2576	COMP+CAN	3/8		10.0 TTG		U A
5844	COMPOSITE	5/32		4.0 TPG (s)		U B	2577	COMP+CAN	1/2		12.0 TTG		U A
Industrial Tempering Glass ; Brooklyn, NY							6131	COMP+CAN	1/8		3.0 TPG (m)		U A
5564	COMPOSITE	3/16		5.0 TTG		U A	6132	COMP+CAN	5/32		4.0 TPG (s)		U A
5565	COMPOSITE	1/4		6.0 TTG		U A	6133	COMP+CAN	1/4		6.0 TPG (s)		U A
3418	COMPOSITE	3/8		10.0 TTG		U A	Intigral ; Walton Hills, OH						
3419	COMPOSITE	1/2		12.0 TTG		U A	2050	COMP+CAN	1/8		3.0 TTG		U A
4240	COMPOSITE	3/4		19.0 TTG		U A	2051	COMP+CAN	5/32		4.0 TTG		U A
							2052	COMP+CAN	3/16		5.0 TTG		U A
							2055	COMP+CAN	1/4		6.0 TTG		U A
							3631	COMP+CAN	1/8		3.0 TPG (m)		U A
							4588	COMP+CAN	5/32		4.0 TPG (m)		U A

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SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
		(THICKNESS CLASS)						(THICKNESS CLASS)			
Intus Windows LLC ; Fairfax, VA						Kawneer - (Cranberry) a division of Alcoa ; Cranberry Township, PA					
6200	COMPOSITE	5/32	4.0 TTG		U A	2488	COMPOSITE	1/8	3.0 TTG		U A
6201	COMPOSITE	1/4	6.0 TTG		U A	2489	COMPOSITE	3/16	5.0 TTG		U A
6202	COMPOSITE	(S)	6 LTG (b)(A)	(.030)	U A	2490	COMPOSITE	1/4	6.0 TTG		U A
Jiangmen SYP Engineering Glass ; Jiangmen, Guangdong, China						2678	COMPOSITE	5/16	8.0 TTG		U A
4303	COMP+CAN	5/32	4.0 TTG		U A	4394	COMPOSITE	1/8	3.0 TPG (s)		U A
4304	COMP+CAN	3/16	5.0 TTG		U A	4395	COMPOSITE	3/16	5.0 TPG (s)		U A
4305	COMP+CAN	1/4	6.0 TTG		U A	5369	COMPOSITE	(S)	6 LTG (b)(A)	(.030)	U A
4306	COMP+CAN	5/16	8.0 TTG		U A	2748	COMPOSITE	(H)	8-12 LTG (ip)(A)	(.090)	U A
4307	COMP+CAN	3/8	10.0 TTG		U A	2715	COMPOSITE	(H)	8, 12 LTG (b)(A)	(.060)	U A
4308	COMP+CAN	1/2	12.0 TTG		U A	2716	COMPOSITE	(H)	10 LTG (b)(A)	(.030)	U A
4309	COMP+CAN	*	15.0 TTG (3)		U A	2719	COMPOSITE	(H)	12 LTG (b)(A)	(.090)	U A
4310	COMP+CAN	3/4	19.0 TTG		U A	Kensington Glass Arts ; ljamsville, MD					
5052	COMP+CAN	1/4	6.0 TBG		U A	5973	COMPOSITE	1/4	6.0 TTG		U A
5053	COMP+CAN	5/16	8.0 TBG		U A	5974	COMPOSITE	3/8	10.0 TTG		U A
5054	COMP+CAN	3/8	10.0 TBG		U A	5975	COMPOSITE	1/2	12.0 TTG		U A
5055	COMP+CAN	1/2	12.0 TBG		U A	5976	COMPOSITE	5/8	16.0 TTG		U A
4312	COMP+CAN	(H)	8-16+ LTG (b)(A)	(.030)	U A	5977	COMPOSITE	3/4	19.0 TTG		U A
4575	COMP+CAN	(H)	10-16+ LTG (ip)(A)	(.060)	U A	Kinestral Technologies ; Hayward, CA					
Jiangyin Mingyang Glass Production ; Jiangyin City, Jiangsu						6223	COMP+CAN	(H)	10 LSP (b)(A)	(.090)	33x5 A
5777	COMPOSITE	1/8	3.0 TTG		U A	6196	COMP+CAN	(H)	10 LSP (b)(A)	(.060)	33x5 A
5778	COMPOSITE	5/32	4.0 TTG		U A	Kohler Company ; Union City, TN					
5779	COMPOSITE	1/4	6.0 TTG		U A	1979	COMPOSITE	1/8	3.0 TTG		U A
5780	COMPOSITE	5/16	8.0 TTG		U A	1980	COMPOSITE	5/32	4.0 TTG		U A
6203	COMPOSITE	3/8	10.0 TTG		U A	1981	COMPOSITE	3/16	5.0 TTG		U A
Jiaxing Joinbath Corporation ; Jiaxing, Zhejiang, China						1982	COMPOSITE	1/4	6.0 TTG		U A
5708	COMPOSITE	5/32	4.0 TTG		U A	4668	COMPOSITE	5/16	8.0 TTG		U A
5709	COMPOSITE	1/4	6.0 TTG		U A	2434	COMPOSITE	3/8	10.0 TTG		U A
5710	COMPOSITE	5/16	8.0 TTG		U A	4012	COMPOSITE	1/2	12.0 TTG		U A
5711	COMPOSITE	5/32	4.0 TPG (m)		U A	1983	COMPOSITE	1/8	3.0 TPG (m)		U A
5712	COMPOSITE	1/4	6.0 TPG (m)		U A	3532	COMPOSITE	5/32	4.0 TPG (m)		U A
5713	COMPOSITE	3/16	5.0 TBG		U A	1984	COMPOSITE	3/16	5.0 TPG (s)		U A
Jin Yao Chang Tempered Glass Co., Ltd ; Guangdong						2918	COMPOSITE	1/4	6.0 TPG (IN)(m)		U A
5684	COMPOSITE	3/8	10.0 TTG		U A	Louisville Plate Glass ; Louisville, KY					
JM Glass ; Hayward, CA						5093	COMPOSITE	(H)	10 LTG (lu)(A)(6)	(.060)	U A
4928	COMPOSITE	3/16	5.0 TTG		U A	M Industria S.A. DE C.V. ; Merida, Yucatan Mexico					
4929	COMPOSITE	1/4	6.0 TTG		U A	5761	COMPOSITE	1/8	3.0 TTG		U A
4930	COMPOSITE	3/8	10.0 TTG		U A	6146	COMPOSITE	3/16	5.0 TTG		U A
4931	COMPOSITE	1/2	12.0 TTG		U A	5410	COMPOSITE	1/4	6.0 TTG		U A
JYC Glass Co. Ltd. ; Foshan, Guangdong, China						5411	COMPOSITE	3/8	10.0 TTG		U A
3957	COMP+CAN	1/8	3.0 TTG		U A	6147	COMPOSITE	1/2	12.0 TTG		U A
3958	COMP+CAN	5/32	4.0 TTG		U A	5412	COMPOSITE	(H)	10-12, 20+ LTG (b)(A)	(.030)	U A
3959	COMP+CAN	3/16	5.0 TTG		U A	5413	COMPOSITE	(H)	10-12, 20+ LTG (ip)(A)	(.035)	U A
3960	COMP+CAN	1/4	6.0 TTG		U A	M&M Tempering Inc. ; Loganville, GA					
3961	COMP+CAN	5/16	8.0 TTG		U A	4280	COMPOSITE	1/4	6.0 TTG		U A
3962	COMP+CAN	3/8	10.0 TTG		U A	4281	COMPOSITE	3/8	10.0 TTG		U A
3963	COMP+CAN	1/2	12.0 TTG		U A	4282	COMPOSITE	1/2	12.0 TTG		U A
4161	COMP+CAN	5/32	4.0 TPG (m)		U A	M3 Glass Technologies ; Irving, TX					
3991	COMP+CAN	5/32	4.0 TBG		U A	5945	COMPOSITE	1/4	6.0 TTG		U A
3992	COMP+CAN	3/16	5.0 TBG		U A	5946	COMPOSITE	3/8	10.0 TTG		U A
3993	COMP+CAN	1/4	6.0 TBG		U A	5947	COMPOSITE	1/2	12.0 TTG		U A
3994	COMP+CAN	5/16	8.0 TBG		U A						

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SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
		(THICKNESS CLASS)						(THICKNESS CLASS)			
Maryland Glass & Mirror ; Baltimore, MD						Nashville Tempered Glass Corp. ; Nashville, TN					
4318	COMPOSITE	1/8	3.0 TTG		U A	1416	COMP+CAN	1/8	3.0 TTG		U A
4319	COMPOSITE	3/16	5.0 TTG		U A	2497	COMP+CAN	5/32	4.0 TTG		U A
4320	COMPOSITE	1/4	6.0 TTG		U A	1467	COMP+CAN	3/16	5.0 TTG		U A
4321	COMPOSITE	3/8	10.0 TTG		U A	1417	COMP+CAN	1/4	6.0 TTG		U A
4322	COMPOSITE	1/2	12.0 TTG		U A	5729	COMP+CAN	5/16	8.0 TTG		U A
McGrory Glass ; Paulsboro, NJ						2494	COMP+CAN	3/8	10.0 TTG		U A
4925	COMPOSITE	3/16	5.0 TTG		U A	2420	COMP+CAN	1/8	3.0 TPG (s)		U A
4813	COMPOSITE	1/4	6.0 TTG		U A	5785	COMP+CAN	5/32	4.0 TPG (s)		U A
4814	COMPOSITE	3/8	10.0 TTG		U A	2417	COMP+CAN	3/16	5.0 TPG (s)		U A
4815	COMPOSITE	1/2	12.0 TTG		U A	Nashville Tempered Glass LLC ; Hendersonville, TN					
4816	COMPOSITE	5/8	16.0 TTG		U A	2691	COMP+CAN	5/32	4.0 TTG		U A
4817	COMPOSITE	3/4	19.0 TTG		U A	2692	COMP+CAN	3/16	5.0 TTG		U A
4818	COMPOSITE	1/4	6.0 TPG (s)		U A	2693	COMP+CAN	1/4	6.0 TTG		U A
4819	COMPOSITE	3/8	10.0 TPG (s)		U A	2694	COMP+CAN	3/8	10.0 TTG		U A
4820	COMPOSITE	1/2	12.0 TPG (s)		U A	4148	COMP+CAN	1/2	12.0 TTG		U A
5262	COMPOSITE	(H)	8 LTG (b)(A)	(.045)	U A	5453	COMP+CAN	5/8	16.0 TTG		U A
5263	COMPOSITE	(H)	10-12 LTG (b)(A)	(.030)	U A	5454	COMP+CAN	3/4	19.0 TTG		U A
Mega Tempering ; Brooklyn, NY						5229	COMP+CAN	(S)	6 LTG (b)(A)	(.015)	U B
4299	COMPOSITE	1/4	6.0 TTG		U A	5230	COMP+CAN	(H)	10-12 LTG (b)(A)	(.030)	U A
4300	COMPOSITE	3/8	10.0 TTG		U A	5231	COMP+CAN	(H)	12 LTG (ip)(A)	(.035)	U A
4301	COMPOSITE	1/2	12.0 TTG		U A	New Angle Beveling ; Clearfield, PA					
Mercer Glass Fab LLC ; Trenton, NJ						5772	COMPOSITE	1/8	3.0 TTG		U A
4254	COMPOSITE	1/4	6.0 TTG		U A	5774	COMPOSITE	3/16	5.0 TTG		U A
4530	COMPOSITE	5/16	8.0 TTG		U A	5773	COMPOSITE	1/4	6.0 TTG		U A
4255	COMPOSITE	3/8	10.0 TTG		U A	5775	COMPOSITE	3/8	10.0 TTG		U A
4256	COMPOSITE	1/2	12.0 TTG		U A	5776	COMPOSITE	1/2	12.0 TTG		U A
4257	COMPOSITE	1/4	6.0 TPG (m)		U A	New Angle Beveling ; Hyde, PA					
4258	COMPOSITE	3/8	10.0 TPG (m)		U A	4593	COMPOSITE	1/8	3.0 TTG		U A
Midwest Glass Fabricators Inc. ; Highland, MI						4594	COMPOSITE	3/16	5.0 TTG		U A
6027	COMP+CAN	1/8	3.0 TTG		U A	4595	COMPOSITE	1/4	6.0 TTG		U A
6028	COMP+CAN	5/32	4.0 TTG		U A	4591	COMPOSITE	3/8	10.0 TTG		U A
6029	COMP+CAN	3/16	5.0 TTG		U A	4592	COMPOSITE	1/2	12.0 TTG		U A
6030	COMP+CAN	1/4	6.0 TTG		U A	New Century Glass & Aluminum LLC ; Woodside, NY					
6031	COMP+CAN	3/8	10.0 TTG		U A	5455	COMPOSITE	3/16	5.0 TTG		U A
6032	COMP+CAN	1/2	12.0 TTG		U A	5456	COMPOSITE	1/4	6.0 TTG		U A
6033	COMP+CAN	5/8	16.0 TTG		U A	5457	COMPOSITE	3/8	10.0 TTG		U A
6034	COMP+CAN	3/4	19.0 TTG		U A	5458	COMPOSITE	1/2	12.0 TTG		U A
6035	COMP+CAN	3/16	5.0 TPG (m)		U A	Ningbo XinShuGuang Safety Glass Limited Co., Ltd. ; Ningbo, China					
6036	COMP+CAN	1/4	6.0 TPG (s)		U A	5760	COMPOSITE	5/32	4.0 TTG		U A
6037	COMP+CAN	3/8	10.0 TPG (m)		U A	NY Tempering LLC ; Maspeth, NY					
Milgard Tempering ; Dixon, CA						4900	COMPOSITE	3/16	5.0 TTG		U A
2842	COMPOSITE	1/4	6.0 TTG		U A	4901	COMPOSITE	1/4	6.0 TTG		U A
Multiver ; Vanier, QC						4902	COMPOSITE	3/8	10.0 TTG		U A
2498	COMPOSITE	1/8	3.0 TTG		U A	4903	COMPOSITE	1/2	12.0 TTG		U A
2629	COMPOSITE	5/32	4.0 TTG		U A						
4524	COMPOSITE	3/16	5.0 TTG		U A						
2499	COMPOSITE	1/4	6.0 TTG		U A						
5226	COMPOSITE	5/16	8.0 TTG		U A						
5227	COMPOSITE	3/8	10.0 TTG		U A						
5228	COMPOSITE	1/2	12.0 TTG		U A						
Multiver Inc. ; Montreal, QC											
5913	COMP+CAN	(S)	6 LTG (b)(A)	(.015)	U B						
5914	COMP+CAN	(H)	8 LTG (b)(A)	(.015)	U B						
5916	COMP+CAN	(H)	8-16+ LTG (ip)(A)	(.060)	U A						
5915	COMP+CAN	(H)	12 LTG (b)(A)	(.030)	U B						

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SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI
		(THICKNESS CLASS)						(THICKNESS CLASS)			
Oldcastle BuildingEnvelope® ; Albertville, MN						Oldcastle BuildingEnvelope® ; Denver, CO					
3104	COMP+CAN	1/8	3.0 TTG		U A	3310	COMP+CAN	1/8	3.0 TTG		U A
3105	COMP+CAN	5/32	4.0 TTG		U A	3311	COMP+CAN	5/32	4.0 TTG		U A
3106	COMP+CAN	3/16	5.0 TTG		U A	3312	COMP+CAN	3/16	5.0 TTG		U A
3107	COMP+CAN	1/4	6.0 TTG		U A	3313	COMP+CAN	1/4	6.0 TTG		U A
4882	COMP+CAN	5/16	8.0 TTG		U A	3314	COMP+CAN	3/8	10.0 TTG		U A
3108	COMP+CAN	3/8	10.0 TTG		U A	3315	COMP+CAN	1/2	12.0 TTG		U A
3109	COMP+CAN	1/2	12.0 TTG		U A	3317	COMP+CAN	1/8	3.0 TPG (s)		U A
3110	COMP+CAN	5/8	16.0 TTG		U A	3318	COMP+CAN	5/32	4.0 TPG (d)		U A
3111	COMP+CAN	3/4	19.0 TTG		U A	3319	COMP+CAN	3/16	5.0 TPG (m)		U A
3112	COMP+CAN	5/32	4.0 TPG (s)		U A	3320	COMP+CAN	1/4	6.0 TPG (s)		U A
3113	COMP+CAN	3/16	5.0 TPG (s)		U A	3321	COMP+CAN	3/8	10.0 TPG (s)		U A
3561	COMP+CAN	1/4	6.0 TPG (s)		U A	4533	COMP+CAN	(S)	6 LTG (b)(A)	(.030)	U A
3127	COMP+CAN	3/8	10.0 TPG (m)		U A	4454	COMP+CAN	(H)	8-16+ LTG (b)(A)	(.030)	U A
Oldcastle BuildingEnvelope® ; Calgary, AB						6056	COMP+CAN	(H)	12 LTG (ip)(A)	(.060)	U A
3263	COMP+CAN	1/8	3.0 TTG		U A	Oldcastle BuildingEnvelope® ; Fremont, CA					
3264	COMP+CAN	5/32	4.0 TTG		U A	3191	COMP+CAN	1/8	3.0 TTG		U A
3265	COMP+CAN	3/16	5.0 TTG		U A	3192	COMP+CAN	5/32	4.0 TTG		U A
3266	COMP+CAN	1/4	6.0 TTG		U A	3193	COMP+CAN	3/16	5.0 TTG		U A
3267	COMP+CAN	5/16	8.0 TTG		U A	3194	COMP+CAN	1/4	6.0 TTG		U A
3268	COMP+CAN	3/8	10.0 TTG		U A	5387	COMP+CAN	5/16	8.0 TTG		U A
3269	COMP+CAN	1/2	12.0 TTG		U A	3195	COMP+CAN	3/8	10.0 TTG		U A
3270	COMP+CAN	5/8	16.0 TTG		U A	3196	COMP+CAN	1/2	12.0 TTG		U A
3271	COMP+CAN	3/4	19.0 TTG		U A	4458	COMP+CAN	5/8	16.0 TTG		U A
3272	COMP+CAN	1/8	3.0 TPG (m)		U A	3197	COMP+CAN	3/4	19.0 TTG		U A
3273	COMP+CAN	5/32	4.0 TPG (d)		U A	3199	COMP+CAN	1/8	3.0 TPG (s)		U A
3274	COMP+CAN	3/16	5.0 TPG (d)		U A	3200	COMP+CAN	5/32	4.0 TPG (s)		U A
3275	COMP+CAN	1/4	6.0 TPG (m)		U A	3201	COMP+CAN	3/16	5.0 TPG (m)		U A
3262	COMP+CAN	3/8	10.0 TPG (d)		U A	3907	COMP+CAN	1/4	6.0 TPG (m)		U A
Oldcastle BuildingEnvelope® ; Concord, ON						3203	COMP+CAN	3/8	10.0 TPG (s)		U A
3439	COMP+CAN	1/8	3.0 TTG		U A	6195	COMP+CAN	(S)	6 LTG (b)(A)	(.030)	U A
3440	COMP+CAN	5/32	4.0 TTG		U A	4460	COMP+CAN	(H)	8-16+ LTG (b)(A)	(.030)	U A
3441	COMP+CAN	3/16	5.0 TTG		U A	4461	COMP+CAN	(H)	8-16+ LTG (ip)(A)	(.060)	U A
3442	COMP+CAN	1/4	6.0 TTG		U A	Oldcastle BuildingEnvelope® ; Grand Prairie, TX					
3443	COMP+CAN	5/16	8.0 TTG		U A	3250	COMP+CAN	1/8	3.0 TTG		U A
3444	COMP+CAN	3/8	10.0 TTG		U A	3251	COMP+CAN	5/32	4.0 TTG		U A
3445	COMP+CAN	1/2	12.0 TTG		U A	3252	COMP+CAN	3/16	5.0 TTG		U A
3446	COMP+CAN	5/8	16.0 TTG		U A	3253	COMP+CAN	1/4	6.0 TTG		U A
3447	COMP+CAN	3/4	19.0 TTG		U A	3255	COMP+CAN	3/8	10.0 TTG		U A
4424	COMP+CAN	3/16	5.0 TPG (s)		U A	3256	COMP+CAN	1/2	12.0 TTG		U A
3448	COMP+CAN	3/8	10.0 TPG (s)		U A	3257	COMP+CAN	3/4	19.0 TTG		U A
Oldcastle BuildingEnvelope® ; Covington, GA						3425	COMP+CAN	1/8	3.0 TPG (s)		U A
3329	COMP+CAN	1/8	3.0 TTG		U A	3426	COMP+CAN	5/32	4.0 TPG (IN)		U A
3330	COMP+CAN	5/32	4.0 TTG		U A	3427	COMP+CAN	3/16	5.0 TPG (s)		U A
3331	COMP+CAN	3/16	5.0 TTG		U A	3428	COMP+CAN	3/8	10.0 TPG (s)		U A
3332	COMP+CAN	1/4	6.0 TTG		U A	5459	COMP+CAN	(S)	6 LTG (b)(A)	(.030)	U A
3333	COMP+CAN	3/8	10.0 TTG		U A						
3334	COMP+CAN	1/2	12.0 TTG		U A						
3335	COMP+CAN	3/4	19.0 TTG		U A						
3336	COMP+CAN	1/8	3.0 TPG (s)		U A						
3337	COMP+CAN	5/32	4.0 TPG (s)		U A						
3338	COMP+CAN	3/16	5.0 TPG (m)		U A						
3339	COMP+CAN	1/4	6.0 TPG (m)		U A						
3340	COMP+CAN	3/8	10.0 TPG (s)		U A						
4392	COMP+CAN	(H)	10-16+ LTG (b)(A)	(.030)	U A						
4393	COMP+CAN	(H)	10-12 LTG (ip)(A)	(.035)	U A						

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SGCC#	TEST STD	INCHES (THICKNESS CLASS)	(MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC#	TEST STD	INCHES (THICKNESS CLASS)	(MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
Oldcastle BuildingEnvelope® ; Hauppauge, NY							Oldcastle BuildingEnvelope® ; Los Angeles, CA						
1546	COMP+CAN	1/8		3.0 TTG		U A	1608	COMP+CAN	1/8		3.0 TTG		U A
1547	COMP+CAN	3/16		5.0 TTG		U A	1609	COMP+CAN	5/32		4.0 TTG		U A
1548	COMP+CAN	1/4		6.0 TTG		U A	630	COMP+CAN	3/16		5.0 TTG		U A
4180	COMP+CAN	5/16		8.0 TTG		U A	514	COMP+CAN	1/4		6.0 TTG		U A
1549	COMP+CAN	3/8		10.0 TTG		U A	4400	COMP+CAN	5/16		8.0 TTG		U A
1550	COMP+CAN	1/2		12.0 TTG		U A	515	COMP+CAN	3/8		10.0 TTG		U A
4181	COMP+CAN	5/8		16.0 TTG		U A	516	COMP+CAN	1/2		12.0 TTG		U A
1551	COMP+CAN	3/4		19.0 TTG		U A	4387	COMP+CAN	5/8		16.0 TTG		U A
3492	COMP+CAN	3/16		5.0 TPG (d)		U A	2074	COMP+CAN	3/4		19.0 TTG		U A
3392	COMP+CAN	(S)		6 LTG (b)(A)	(.030)	U A	935	COMP+CAN	3/16		5.0 TPG (s)		U A
4618	COMP+CAN	(H)		8-16+ LTG (b)(A)	(.030)	U A	4133	COMP+CAN	1/4		6.0 TPG (s)		U A
5355	COMP+CAN	(H)		8, 12-16+ LTG (ip)(A)	(.060)	U A	3793	COMP+CAN	3/8		10.0 TPG (d)		U A
Oldcastle BuildingEnvelope® ; Houston, TX							4346	COMP+CAN	(S)		6 LTG (b)(A)	(.030)	U A
3156	COMP+CAN	1/8		3.0 TTG		U A	5630	COMP+CAN	(S)		6 LTG (ip)(A)	(.035)	U A
3157	COMP+CAN	5/32		4.0 TTG		U A	4561	COMP+CAN	(H)		8-16+ LTG (ip)(A)	(.035)	U A
3158	COMP+CAN	3/16		5.0 TTG		U A	4563	COMP+CAN	(H)		8-16+ LTG (b)(A)	(.030)	U A
3159	COMP+CAN	1/4		6.0 TTG		U A	Oldcastle BuildingEnvelope® ; Miami, FL						
3160	COMP+CAN	3/8		10.0 TTG		U A	3496	COMP+CAN	1/8		3.0 TTG		U A
3161	COMP+CAN	1/2		12.0 TTG		U A	3497	COMP+CAN	3/16		5.0 TTG		U A
3163	COMP+CAN	5/32		4.0 TPG (d)		U A	3498	COMP+CAN	1/4		6.0 TTG		U A
3164	COMP+CAN	3/16		5.0 TPG (m)		U A	3499	COMP+CAN	3/8		10.0 TTG		U A
3165	COMP+CAN	1/4		6.0 TPG (m)		U A	3500	COMP+CAN	1/2		12.0 TTG		U A
3166	COMP+CAN	3/8		10.0 TPG (s)		U A	3501	COMP+CAN	1/8		3.0 TPG (s)		U A
4402	COMP+CAN	(H)		8-16+ LTG (b)(A)	(.030)	U A	3502	COMP+CAN	3/16		5.0 TPG (m)		U A
4401	COMP+CAN	(H)		12 LTG (ip)(A)	(.090)	U A	4477	COMP+CAN	1/4		6.0 TPG (d)		U A
Oldcastle BuildingEnvelope® ; Indianapolis, IN							3503	COMP+CAN	3/8		10.0 TPG (s)		U A
2210	COMP+CAN	1/8		3.0 TTG		U A	4397	COMP+CAN	(S)		6 LTG (ip)(A)	(.035)	U A
2216	COMP+CAN	5/32		4.0 TTG		U A	4001	COMP+CAN	(S)		6 LTG (b)(A)	(.030)	U A
2211	COMP+CAN	3/16		5.0 TTG		U A	4398	COMP+CAN	(H)		8-16+ LTG (b)(A)	(.030)	U A
2212	COMP+CAN	1/4		6.0 TTG		U A	4399	COMP+CAN	(H)		8-16+ LTG (ip)(A)	(.035)	U A
2213	COMP+CAN	3/8		10.0 TTG		U A	Oldcastle BuildingEnvelope® ; Moorestown, NJ						
2214	COMP+CAN	1/2		12.0 TTG		U A	3180	COMP+CAN	1/8		3.0 TTG		U A
4384	COMP+CAN	1/8		3.0 TPG (s)		U A	3181	COMP+CAN	5/32		4.0 TTG		U A
2215	COMP+CAN	3/16		5.0 TPG (s)		U A	3182	COMP+CAN	3/16		5.0 TTG		U A
5442	COMP+CAN	1/4		6.0 TPG (d)		U A	3183	COMP+CAN	1/4		6.0 TTG		U A
3259	COMP+CAN	3/8		10.0 TPG (s)		U A	3184	COMP+CAN	3/8		10.0 TTG		U A
Oldcastle BuildingEnvelope® ; Langley, BC							3185	COMP+CAN	1/2		12.0 TTG		U A
3286	COMP+CAN	1/8		3.0 TTG		U A	4054	COMP+CAN	5/8		16.0 TTG		U A
3287	COMP+CAN	5/32		4.0 TTG		U A	3186	COMP+CAN	1/8		3.0 TPG (m)		U A
3288	COMP+CAN	3/16		5.0 TTG		U A	3187	COMP+CAN	5/32		4.0 TPG (d)		U A
3289	COMP+CAN	1/4		6.0 TTG		U A	3188	COMP+CAN	3/16		5.0 TPG (m)		U A
3290	COMP+CAN	5/16		8.0 TTG		U A	3189	COMP+CAN	1/4		6.0 TPG (m)		U A
3291	COMP+CAN	3/8		10.0 TTG		U A	3190	COMP+CAN	3/8		10.0 TPG (s)		U A
3292	COMP+CAN	1/2		12.0 TTG		U A							
3293	COMP+CAN	5/8		16.0 TTG		U A							
3294	COMP+CAN	3/4		19.0 TTG		U A							
3295	COMP+CAN	1/8		3.0 TPG (m)		U A							
3296	COMP+CAN	5/32		4.0 TPG (d)		U A							
3297	COMP+CAN	3/16		5.0 TPG (d)		U A							
4710	COMP+CAN	3/8		10.0 TPG (s)		U A							
4475	COMP+CAN	(S)		6 LTG (b)(A)	(.030)	U B							
4476	COMP+CAN	(H)		8-16+ LTG (b)(A)	(.030)	U B							

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SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI
		(THICKNESS CLASS)						(THICKNESS CLASS)			
Oldcastle BuildingEnvelope® ; Perrysburg, OH						Oldcastle BuildingEnvelope® ; Shawnee, OK					
3233	COMP+CAN	1/8	3.0 TTG		U A	3095	COMP+CAN	1/8	3.0 TTG		U A
3234	COMP+CAN	5/32	4.0 TTG		U A	3096	COMP+CAN	5/32	4.0 TTG		U A
3235	COMP+CAN	3/16	5.0 TTG		U A	3097	COMP+CAN	3/16	5.0 TTG		U A
3236	COMP+CAN	1/4	6.0 TTG		U A	3098	COMP+CAN	1/4	6.0 TTG		U A
4443	COMP+CAN	5/16	8.0 TTG		U A	3099	COMP+CAN	3/8	10.0 TTG		U A
3237	COMP+CAN	3/8	10.0 TTG		U A	3100	COMP+CAN	1/2	12.0 TTG		U A
3238	COMP+CAN	1/2	12.0 TTG		U A	3101	COMP+CAN	1/8	3.0 TPG (m)		U A
3239	COMP+CAN	5/8	16.0 TTG		U A	3102	COMP+CAN	5/32	4.0 TPG (m)		U A
3240	COMP+CAN	3/4	19.0 TTG		U A	3103	COMP+CAN	3/16	5.0 TPG (m)		U A
3242	COMP+CAN	1/8	3.0 TPG (s)		U A	Oldcastle BuildingEnvelope® ; Tampa, FL					
3243	COMP+CAN	3/16	5.0 TPG (s)		U A	3116	COMP+CAN	1/8	3.0 TTG		U A
3244	COMP+CAN	1/4	6.0 TPG (m)		U A	3118	COMP+CAN	3/16	5.0 TTG		U A
3245	COMP+CAN	3/8	10.0 TPG (s)		U A	3119	COMP+CAN	1/4	6.0 TTG		U A
4700	COMP+CAN	(S)	6 LTG (b)(A)	(.030)	U A	3120	COMP+CAN	3/8	10.0 TTG		U A
4444	COMP+CAN	(H)	8-16+ LTG (ip)(A)	(.060)	U A	3121	COMP+CAN	1/2	12.0 TTG		U A
4446	COMP+CAN	(H)	8-16+ LTG (b)(A)	(.030)	U A	3122	COMP+CAN	1/8	3.0 TPG (s)		U A
Oldcastle BuildingEnvelope® ; Phoenix, AZ						3124	COMP+CAN	3/16	5.0 TPG (m)		U A
3128	COMP+CAN	1/8	3.0 TTG		U A	3125	COMP+CAN	1/4	6.0 TPG (m)		U A
3130	COMP+CAN	3/16	5.0 TTG		U A	4340	COMP+CAN	3/8	10.0 TPG (s)		U A
3131	COMP+CAN	1/4	6.0 TTG		U A	4448	COMP+CAN	(S)	6 LTG (b)(A)	(.030)	U A
3132	COMP+CAN	3/8	10.0 TTG		U A	4449	COMP+CAN	(H)	8-16+ LTG (b)(A)	(.030)	U A
3133	COMP+CAN	1/2	12.0 TTG		U A	5051	COMP+CAN	(H)	12 LTG (ip)(A)	(.035)	U A
3134	COMP+CAN	1/8	3.0 TPG (s)		U A	Oldcastle BuildingEnvelope® ; Vancouver, WA					
3135	COMP+CAN	5/32	4.0 TPG (s)		U A	3219	COMP+CAN	1/8	3.0 TTG		U A
3136	COMP+CAN	3/16	5.0 TPG (m)		U A	3220	COMP+CAN	5/32	4.0 TTG		U A
3999	COMP+CAN	1/4	6.0 TPG (s)		U A	3221	COMP+CAN	3/16	5.0 TTG		U A
3729	COMP+CAN	3/8	10.0 TPG (s)		U A	3222	COMP+CAN	1/4	6.0 TTG		U A
Oldcastle BuildingEnvelope® ; Rock Hill, SC						3223	COMP+CAN	5/16	8.0 TTG		U A
3276	COMP+CAN	1/8	3.0 TTG		U A	3224	COMP+CAN	3/8	10.0 TTG		U A
3462	COMP+CAN	5/32	4.0 TTG		U A	3225	COMP+CAN	1/2	12.0 TTG		U A
3277	COMP+CAN	3/16	5.0 TTG		U A	3226	COMP+CAN	1/8	3.0 TPG (s)		U A
3278	COMP+CAN	1/4	6.0 TTG		U A	3227	COMP+CAN	5/32	4.0 TPG (d)		U A
4787	COMP+CAN	5/16	8.0 TTG (IN)		U A	3228	COMP+CAN	3/16	5.0 TPG (m)		U A
3279	COMP+CAN	3/8	10.0 TTG		U A	3229	COMP+CAN	1/4	6.0 TPG (m)		U A
3280	COMP+CAN	1/2	12.0 TTG		U A	3230	COMP+CAN	3/8	10.0 TPG (m)		U A
3281	COMP+CAN	1/8	3.0 TPG (s)		U A	Oldcastle BuildingEnvelope® ; Warrenton, MO					
4396	COMP+CAN	5/32	4.0 TPG (d)		U A	3144	COMP+CAN	1/8	3.0 TTG		U A
3283	COMP+CAN	3/16	5.0 TPG (d)		U A	3145	COMP+CAN	5/32	4.0 TTG		U A
3284	COMP+CAN	1/4	6.0 TPG (d)		U A	3146	COMP+CAN	3/16	5.0 TTG		U A
3285	COMP+CAN	3/8	10.0 TPG (d)		U A	3147	COMP+CAN	1/4	6.0 TTG		U A
Oldcastle BuildingEnvelope® ; Schofield, WI						3796	COMP+CAN	5/16	8.0 TTG		U A
3167	COMP+CAN	1/8	3.0 TTG		U A	3148	COMP+CAN	3/8	10.0 TTG		U A
3168	COMP+CAN	5/32	4.0 TTG		U A	3149	COMP+CAN	1/2	12.0 TTG		U A
3169	COMP+CAN	3/16	5.0 TTG		U A	5904	COMP+CAN	5/8	16.0 TTG		U A
3170	COMP+CAN	1/4	6.0 TTG		U A	3151	COMP+CAN	1/8	3.0 TPG (s)		U A
3171	COMP+CAN	5/16	8.0 TTG		U A	3152	COMP+CAN	5/32	4.0 TPG (s)		U A
3172	COMP+CAN	3/8	10.0 TTG		U A	3153	COMP+CAN	3/16	5.0 TPG (m)		U A
3173	COMP+CAN	1/2	12.0 TTG		U A	3154	COMP+CAN	1/4	6.0 TPG (m)		U A
3177	COMP+CAN	5/32	4.0 TPG (d)		U A	3155	COMP+CAN	3/8	10.0 TPG (d)		U A
3178	COMP+CAN	3/16	5.0 TPG (d)		U A						
3179	COMP+CAN	1/4	6.0 TPG (d)		U A						
3176	COMP+CAN	(S)	6 LTG (b)(A)	(.030)	U A						
4558	COMP+CAN	(H)	8-16+ LTG (b)(A)	(.030)	U A						

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SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
		(THICKNESS CLASS)						(THICKNESS CLASS)			
Oldcastle BuildingEnvelope® ; Wright City, MO						PFG Glass ; Langley, BC					
3137	COMP+CAN	1/8	3.0 TTG		U A	3538	COMP+CAN	1/8	3.0 TTG		U A
3138	COMP+CAN	5/32	4.0 TTG		U A	3539	COMP+CAN	5/32	4.0 TTG		U A
3139	COMP+CAN	3/16	5.0 TTG		U A	3540	COMP+CAN	3/16	5.0 TTG		U A
3140	COMP+CAN	1/4	6.0 TTG		U A	3541	COMP+CAN	1/4	6.0 TTG		U A
3141	COMP+CAN	5/16	8.0 TTG		U A	3542	COMP+CAN	5/16	8.0 TTG		U A
3142	COMP+CAN	3/8	10.0 TTG		U A	3543	COMP+CAN	3/8	10.0 TTG		U A
3143	COMP+CAN	1/2	12.0 TTG		U A	3544	COMP+CAN	1/2	12.0 TTG		U A
4526	COMP+CAN	(S)	6 LTG (b)(A)	(.030)	U A	3547	COMP+CAN	1/8	3.0 TPG (s)		U A
4528	COMP+CAN	(S)	6 LTG (ip)(A)	(.035)	U A	3548	COMP+CAN	5/32	4.0 TPG (d)		U A
4527	COMP+CAN	(H)	8-16+ LTG (b)(A)	(.030)	U A	3549	COMP+CAN	3/16	5.0 TPG (m)		U A
4529	COMP+CAN	(H)	8-16+ LTG (ip)(A)	(.035)	U A	3711	COMP+CAN	1/4	6.0 TPG (m)		U A
Oldcastle BuildingEnvelope® Canada Inc. ; Pointe-aux-Trembles, QC						PG Building Glass Processing ; Cape Town, South Africa					
1996	COMP+CAN	1/8	3.0 TTG		U A	4887	COMPOSITE	5/32	4.0 TTG	16x3 A	
4247	COMP+CAN	5/32	4.0 TTG		U A	PGT Industries ; Nokomis, FL					
1997	COMP+CAN	3/16	5.0 TTG		U A	2389	COMPOSITE	1/8	3.0 TTG		U A
2543	COMP+CAN	1/4	6.0 TTG		U A	2390	COMPOSITE	3/16	5.0 TTG		U A
2884	COMP+CAN	5/16	8.0 TTG		U A	2391	COMPOSITE	1/4	6.0 TTG		U A
2544	COMP+CAN	3/8	10.0 TTG		U A	3880	COMPOSITE	1/8	3.0 TPG (s)		U A
2062	COMP+CAN	1/2	12.0 TTG		U A	3881	COMPOSITE	3/16	5.0 TPG (s)		U A
2063	COMP+CAN	5/8	16.0 TTG		U A	2426	COMPOSITE	(H)	8-12 LTG (b)(A)	(.060)	U A
2885	COMP+CAN	3/4	19.0 TTG		U A	3482	COMPOSITE	(H)	8-12 LTG (ip)(A)	(.090)	U A
5025	COMP+CAN	(S)	6 LTG (b)(A)	(.030)	U A	Phoenicia Flat Glass Industries ; Nazaret, Ilit Israel					
4432	COMP+CAN	(S)	6 LTG (ip)(A)	(.035)	U A	5290	COMPOSITE	(S)	6 LTG (b)(A)	(.030)	U A
5024	COMP+CAN	(S)	6 LTG (b)(A)	(.015)(C1)	U B	5786	COMPOSITE	(S)	6 LTG (b)(A)	(.015)	U B
4435	COMP+CAN	(H)	8-16+ LTG (b)(A)	(.030)	U A	5629	COMPOSITE	(H)	8 LTG (b)(A)	(.030)	U A
4433	COMP+CAN	(H)	8-16+ LTG (ip)(A)	(.035)	U A	PPG Inds. Inc. ; Barrie, ON					
Paragon Tempered Glass ; Antwerp, OH						5207	COMP+CAN	1/8	3.0 TTG		U A
2684	COMPOSITE	1/8	3.0 TTG		U A	5204	COMP+CAN	5/32	4.0 TTG		U A
2685	COMPOSITE	5/32	4.0 TTG		U A	5205	COMP+CAN	3/16	5.0 TTG		U A
2686	COMPOSITE	3/16	5.0 TTG		U A	5206	COMP+CAN	1/4	6.0 TTG		U A
2687	COMPOSITE	1/4	6.0 TTG		U A	PPG Inds. Inc. ; Carlisle, PA					
2688	COMPOSITE	3/8	10.0 TTG		U A	250	COMP+CAN	1/8	3.0 TTG		U A
5242	COMPOSITE	3/16	5.0 TBG		U A	675	COMP+CAN	5/32	4.0 TTG		U A
4811	COMPOSITE	1/4	6.0 TBG		U A	249	COMP+CAN	3/16	5.0 TTG		U A
Patio Enclosures ; Macedonia, OH						382	COMP+CAN	1/4	6.0 TTG		U A
2057	COMPOSITE	5/32	4.0 TTG		U A	PPG Inds., Inc. ; Wichita Falls, TX					
3015	COMPOSITE	1/4	6.0 TTG		U A	1110	COMPOSITE	1/8	3.0 TTG		U A
Pennsylvania Insulating Glass ; Lewistown, PA						1111	COMPOSITE	5/32	4.0 TTG		U A
3918	COMPOSITE	(S)	5-6 LTG (b)(A)	(.030)	U A	1112	COMPOSITE	3/16	5.0 TTG		U A
3919	COMPOSITE	(H)	8-12 LTG (b)(A)	(.030)	U A	1113	COMPOSITE	1/4	6.0 TTG		U A
Perficom S.A. DE C.V. ; San Juan Del Rio, Querétaro, Mexico						3577	COMPOSITE	5/16	8.0 TTG		U A
4512	COMPOSITE	1/8	3.0 TTG		U A	3578	COMPOSITE	3/8	10.0 TTG		U A
						Prelco Inc. ; Riviere-du-loup, QC					
						2034	COMP+CAN	1/8	3.0 TTG		U A
						2035	COMP+CAN	5/32	4.0 TTG		U A
						2713	COMP+CAN	3/16	5.0 TTG		U A
						2015	COMP+CAN	1/4	6.0 TTG		U A
						2751	COMP+CAN	5/16	8.0 TTG		U A
						2381	COMP+CAN	3/8	10.0 TTG		U A
						2048	COMP+CAN	1/2	12.0 TTG		U A
						5609	COMP+CAN	5/8	16.0 TTG		U A
						4904	COMP+CAN	3/4	19.0 TTG		U A
						4905	COMP+CAN	(S)	6 LTG (b)(A)	(.030)	U A
						4906	COMP+CAN	(H)	8-16+ LTG (b)(A)	(.030)	U A

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SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
		(THICKNESS CLASS)						(THICKNESS CLASS)			
Prelco Inc. ; Saint-Jacques, NB						Qingdao Jinjing Co., Ltd. ; Qingdao City, Shandong China					
4911	COMP+CAN	1/8	3.0 TTG		U A	5613	COMP+CAN	1/8	3.0 TTG		U A
4912	COMP+CAN	5/32	4.0 TTG		U A	5617	COMP+CAN	5/32	4.0 TTG		U A
4913	COMP+CAN	3/16	5.0 TTG		U A	6198	COMP+CAN	1/4	6.0 TTG		U A
4914	COMP+CAN	1/4	6.0 TTG		U A	6199	COMP+CAN	3/8	10.0 TTG		U A
4915	COMP+CAN	5/16	8.0 TTG		U A	Qingdao Laurel Enterprise Co., Ltd. ; Qingdao City, China					
4916	COMP+CAN	3/8	10.0 TTG		U A	5689	COMPOSITE	(S)	6 LTG (b)(A)	(.015)	U A
4917	COMP+CAN	1/2	12.0 TTG		U A	Qinhuangdao Ampac Building Products Co., Ltd. ; Qinhuangdao Hebei, China					
5610	COMP+CAN	5/8	16.0 TTG		U A	5899	COMPOSITE	1/8	3.0 TTG		U A
5611	COMP+CAN	3/4	19.0 TTG		U A	5900	COMPOSITE	5/32	4.0 TTG		U A
PRESS GLASS SA ; Radomsko, Poland						5901	COMPOSITE	3/16	5.0 TTG		U A
5845	COMP+CAN	5/32	4.0 TTG		U A	5902	COMPOSITE	5/32	4.0 TPG (s)		U A
5846	COMP+CAN	1/4	6.0 TTG		U A	5903	COMPOSITE	3/16	5.0 TPG (s)		U A
5847	COMP+CAN	5/16	8.0 TTG		U A	Qinhuangdao Detai Tempered Glass Co., Ltd. ; Qinhuangdao, Hebei, China					
5848	COMP+CAN	3/8	10.0 TTG		U A	4156	COMPOSITE	1/8	3.0 TTG		U A
5849	COMP+CAN	1/2	12.0 TTG		U A	Qinhuangdao Jingxin Glass Co., Ltd. ; Qinhuangdao City, Hebei Province					
5850	COMP+CAN	*	15.0 TTG (3)		U A	5280	COMPOSITE	1/8	3.0 TTG		U A
5851	COMP+CAN	(H)	8-16+ LTG (b)(A)	(.030)	U A	Qinhuangdao Kunping Safety Glass Co. Ltd. ; Qinhuangdao, Hebei, China					
PRESS GLASS SA ; Tychy, Poland						3730	COMPOSITE	1/8	3.0 TTG		U A
5852	COMP+CAN	5/32	4.0 TTG		U A	Qinhuangdao Mingjingyuan Safety Technology Glass Co., Ltd ; Qinhuangdao, Hebei, China					
5853	COMP+CAN	1/4	6.0 TTG		U A	5129	COMP+CAN	*	12.0 TTG (3)		U A
5854	COMP+CAN	5/16	8.0 TTG		U A	5130	COMP+CAN	*	15.0 TTG (3)		U A
5855	COMP+CAN	3/8	10.0 TTG		U A	Qinhuangdao Qicaishi Glass Processing Co., Ltd. ; Qinhuangdao, Hebei, China					
5856	COMP+CAN	1/2	12.0 TTG		U A	5141	COMPOSITE	1/8	3.0 TTG		U A
5857	COMP+CAN	*	15.0 TTG (3)		U A	QinHuangDao Tianrui Tempered Technology Glass Co. ; Qinhuangdao, Hebei, China					
5858	COMP+CAN	(H)	8-16+ LTG (b)(A)	(.030)	U A	3690	COMPOSITE	1/8	3.0 TTG		U A
PRL Glass Systems ; City of Industry, CA						Quaker Window Products, Inc. ; Freeburg, MO					
5605	COMPOSITE	(H)	8-12, 19+ LTG (b)(A)	(.030)	U A	2985	COMP+CAN	1/8	3.0 TTG		U A
Productos De Valor Agregado en Cristal S.A. de C.V. ; San Juan Ixhuatepec, Tlalnepantla, Mexico						5297	COMP+CAN	5/32	4.0 TTG		U A
4639	COMPOSITE	3/16	5.0 TTG		U A	2986	COMP+CAN	3/16	5.0 TTG		U A
4645	COMPOSITE	1/4	6.0 TTG		U A	3485	COMP+CAN	1/4	6.0 TTG		U A
4788	COMPOSITE	5/16	8.0 TTG		U A	2968	COMP+CAN	1/8	3.0 TPG (m)		U A
4640	COMPOSITE	3/8	10.0 TTG		U A	2969	COMP+CAN	5/32	4.0 TPG (IN)(m)		U A
4641	COMPOSITE	1/2	12.0 TTG		U A	3486	COMP+CAN	3/16	5.0 TPG (m)		U A
4642	COMPOSITE	3/4	19.0 TTG		U A	2970	COMP+CAN	1/4	6.0 TPG (IN)(m)		U A
Produits Verrier International Inc. ; Montreal, Quebec						Quality Enclosures Tempering, Inc. ; Port Orange, FL					
5498	COMP+CAN	1/8	3.0 TTG		U A	6243	COMPOSITE	3/16	5.0 TTG		U A
5499	COMP+CAN	5/32	4.0 TTG		U A	6244	COMPOSITE	1/4	6.0 TTG		U A
5500	COMP+CAN	3/16	5.0 TTG		U A	6245	COMPOSITE	3/8	10.0 TTG		U A
5501	COMP+CAN	1/4	6.0 TTG		U A	6246	COMPOSITE	1/2	12.0 TTG		U A
5502	COMP+CAN	3/8	10.0 TTG		U A	6247	COMPOSITE	3/16	5.0 TPG (m)		U A
5503	COMP+CAN	1/2	12.0 TTG		U A	6248	COMPOSITE	1/4	6.0 TPG (s)		U A
5504	COMP+CAN	1/8	3.0 TPG (s)		U A	6249	COMPOSITE	3/8	10.0 TPG (s)		U A
5505	COMP+CAN	3/16	5.0 TPG (s)		U A						
PT Abebersa Pratama ; Bekasi, Indonesia											
3905	COMPOSITE	5/32	4.0 TTG		U A						
3906	COMPOSITE	3/16	5.0 TTG		U A						
Pulp Studio Inc. ; Gardena, CA											
4711	COMPOSITE	(H)	8-16+ LTG (b)(A)	(.030)	U A						
Qingdao Apis Glass Industries Co. Ltd. ; Qingdao, Shandong China											
5529	COMPOSITE	1/4	6.0 TTG		U A						
5530	COMPOSITE	3/8	10.0 TTG		U A						
5531	COMPOSITE	1/2	12.0 TTG		U A						

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SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI
		(THICKNESS CLASS)						(THICKNESS CLASS)			
Quality Glass & Mirror, Inc. ; Mount Prospect, IL						SAAND Ottawa ; Stittsville, ON					
2981	COMPOSITE	3/16	5.0 TTG		U A	4949	COMP+CAN	1/8	3.0 TTG		U A
2982	COMPOSITE	1/4	6.0 TTG		U A	4950	COMP+CAN	5/32	4.0 TTG		U A
2983	COMPOSITE	3/8	10.0 TTG		U A	4951	COMP+CAN	3/16	5.0 TTG		U A
2984	COMPOSITE	1/2	12.0 TTG		U A	4952	COMP+CAN	1/4	6.0 TTG		U A
3805	COMPOSITE	3/4	19.0 TTG		U A	4953	COMP+CAN	3/8	10.0 TTG		U A
Quest Window Systems ; Mississauga, ON						4954	COMP+CAN	1/2	12.0 TTG		U A
5719	COMP+CAN	1/4	6.0 TTG		U A	SAAND Rexdale ; Rexdale, ON					
Ready Glass & Mirror, Inc. ; Hialeah, FL						4995	COMP+CAN	1/8	3.0 TTG		U A
3745	COMPOSITE	3/16	5.0 TTG		U A	4996	COMP+CAN	5/32	4.0 TTG		U A
3746	COMPOSITE	1/4	6.0 TTG		U A	4997	COMP+CAN	3/16	5.0 TTG		U A
3747	COMPOSITE	3/8	10.0 TTG		U A	4998	COMP+CAN	1/4	6.0 TTG		U A
3748	COMPOSITE	1/2	12.0 TTG		U A	4999	COMP+CAN	3/8	10.0 TTG		U A
5634	COMPOSITE	(H)	8-16+ LTG (ip)(A)	(.035)	U A	5000	COMP+CAN	1/2	12.0 TTG		U A
Reem Emirates Aluminum & Glass ; Abu Dhabi, United Arab Emirates						5008	COMP+CAN	5/8	15.0 TTG (3)		U A
4675	COMPOSITE	1/4	6.0 TTG		U A	5001	COMP+CAN	(S)	6 LTG (b)(A)	(.030)	U A
4676	COMPOSITE	5/16	8.0 TTG		U A	5002	COMP+CAN	(H)	8-16+ LTG (b)(A)	(.030)	U A
4677	COMPOSITE	3/8	10.0 TTG		U A	SAAND Toronto ; Toronto, ON Canada					
RF Supply, Inc. ; Bradenton, FL						2481	COMP+CAN	1/8	3.0 TTG		U A
5859	COMPOSITE	1/8	3.0 TTG		U A	2482	COMP+CAN	5/32	4.0 TTG		U A
5860	COMPOSITE	3/16	5.0 TTG		U A	3023	COMP+CAN	3/16	5.0 TTG		U A
4225	COMPOSITE	1/4	6.0 TTG		U A	2484	COMP+CAN	1/4	6.0 TTG		U A
4226	COMPOSITE	3/8	10.0 TTG		U A	4356	COMP+CAN	5/16	8.0 TTG		U A
4227	COMPOSITE	1/2	12.0 TTG		U A	4357	COMP+CAN	3/8	10.0 TTG		U A
Rizhao Huaye Glass Co., Ltd. ; Rizhao, Shandong						4358	COMP+CAN	1/2	12.0 TTG		U A
5566	COMP+CAN	5/32	4.0 TTG		U A	SAGE Electrochromics Inc. ; Faribault, MN					
5567	COMP+CAN	3/16	5.0 TTG		U A	5655	COMP+CAN	(H)	8-10 LTG (b)(A)	(.060)	U A
5568	COMP+CAN	1/4	6.0 TTG		U A	5660	COMP+CAN	(H)	12 LTG (b)(A)	(.030)	U A
5569	COMP+CAN	5/16	8.0 TTG		U A	5016	COMP+CAN	(H)	8-12 LSP (ip)(A)	(.035)	U A
5570	COMP+CAN	3/8	10.0 TTG		U A	Saint Gobain Mexico, S.A. de C.V. ; Cuautla, Morelos, Mexico					
5571	COMP+CAN	1/2	12.0 TTG		U A	5907	COMPOSITE	(S)	6 LTG (b)(A)	(.030)	U A
5572	COMP+CAN	5/8	15.0 TTG		U A	5905	COMPOSITE	(S)	6 LTG (b)(A)	(.015)	U B
5573	COMP+CAN	3/4	19.0 TTG		U A	5906	COMPOSITE	(H)	8 LTG (b)(A)	(.015)	U B
5580	COMP+CAN	(S)	6 LTG (b)(A)	(.015)	U B	5908	COMPOSITE	(H)	8 LTG (b)(A)	(.030)	U A
5581	COMP+CAN	(H)	8-16 LTG (b)(A)	(.015)	U B	5909	COMPOSITE	(H)	10-12 LTG (b)(A)	(.090)	U A
Robover Inc. ; Quebec City, QC						SCHOTT Gemtron - Sweetwater ; Sweetwater, TN					
5199	COMP+CAN	1/8	3.0 TTG		U A	1334	COMP+CAN	1/8	3.0 TTG		U A
5200	COMP+CAN	5/32	4.0 TTG		U A	1332	COMP+CAN	5/32	4.0 TTG		U A
5201	COMP+CAN	3/16	5.0 TTG		U A	1201	COMP+CAN	3/16	5.0 TTG		U A
5202	COMP+CAN	1/4	6.0 TTG		U A	1477	COMP+CAN	1/4	6.0 TTG		U A
5763	COMP+CAN	3/8	10.0 TTG		U A	1422	COMP+CAN	1/8	3.0 TPG (s)		U A
5764	COMP+CAN	1/2	12.0 TTG		U A	1424	COMP+CAN	5/32	4.0 TPG (s)		U A
5727	COMP+CAN	3/16	5.0 TPG (m)		U A	SCHOTT Gemtron (Canada) Corporation ; Midland, ON Canada					
S.F. Tempering ; Dania Beach, FL						3067	COMP+CAN	1/8	3.0 TTG		U A
5452	COMPOSITE	3/16	5.0 TTG		U A	3659	COMP+CAN	5/32	4.0 TTG		U A
5019	COMPOSITE	1/4	6.0 TTG		U A	3636	COMP+CAN	3/16	5.0 TTG		U A
5020	COMPOSITE	3/8	10.0 TTG		U A	3637	COMP+CAN	1/4	6.0 TTG		U A
5021	COMPOSITE	1/2	12.0 TTG		U A	6020	COMP+CAN	5/16	8.0 TTG		U A
SAAND London ; London, ON Canada						6021	COMP+CAN	3/8	10.0 TTG		U A
3978	COMP+CAN	1/8	3.0 TTG		U A	Sfera SRL ; Meolo (VE), Italy					
4278	COMP+CAN	5/32	4.0 TTG		U A	6078	COMP+CAN	3/16	5.0 TBG		U A
3979	COMP+CAN	3/16	5.0 TTG		U A	6079	COMP+CAN	1/4	6.0 TBG		U A
3980	COMP+CAN	1/4	6.0 TTG		U A	6080	COMP+CAN	5/16	8.0 TBG		U A
3981	COMP+CAN	3/8	10.0 TTG		U A	6081	COMP+CAN	3/8	10.0 TBG		U A

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SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
		(THICKNESS CLASS)						(THICKNESS CLASS)			
Shanghai SYP Building Glass ; Shanghai, China						Sky Land Tempering Glass Corp ; Long Island City, NY					
2779	COMPOSITE	(S)	6 LTG (b)(A)	(.030)	U A	5467	COMPOSITE	3/16	5.0 TTG		U A
4353	COMPOSITE	(H)	8 LTG (b)(A)	(.030)	U A	5468	COMPOSITE	1/4	6.0 TTG		U A
4807	COMPOSITE	(H)	8-16+ LTG (ip)(A)	(.035)	U A	5469	COMPOSITE	3/8	10.0 TTG		U A
2780	COMPOSITE	(H)	10-16+ LTG (b)(A)	(.015)	U B	5470	COMPOSITE	1/2	12.0 TTG		U A
Shanghai SYP Engineering Glass ; Shanghai, China						Solar Seal Connecticut ; Hamden, CT					
4067	COMP+CAN	5/32	4.0 TTG		U A	4523	COMPOSITE	1/4	6.0 TTG		U A
4068	COMP+CAN	3/16	5.0 TTG		U A	Solar Seal Massachusetts ; South Easton, MA					
4069	COMP+CAN	1/4	6.0 TTG		U A	3001	COMPOSITE	1/8	3.0 TTG		U A
4070	COMP+CAN	5/16	8.0 TTG		U A	1871	COMPOSITE	3/16	5.0 TTG		U A
4071	COMP+CAN	3/8	10.0 TTG		U A	1035	COMPOSITE	1/4	6.0 TTG		U A
4072	COMP+CAN	1/2	12.0 TTG		U A	1036	COMPOSITE	3/8	10.0 TTG		U A
4073	COMP+CAN	*	15.0 TTG (3)		U A	1037	COMPOSITE	1/2	12.0 TTG		U A
4074	COMP+CAN	3/4	19.0 TTG		U A	5527	COMPOSITE	3/4	19.0 TTG		U A
Shanghai Zhenzhen Glassware Co., LTD. ; Shanghai, China						1939	COMPOSITE	3/16	5.0 TPG (s)		U A
6125	COMP+CAN	1/4	6.0 TTG		U A	Solar Seal Virginia ; Stafford, VA					
6126	COMP+CAN	3/8	10.0 TTG		U A	5721	COMPOSITE	1/8	3.0 TTG		U A
Shenzhen Kaitai Glass Co. Ltd ; Shenzhen, China						5722	COMPOSITE	5/32	4.0 TTG		U A
5436	COMPOSITE	1/4	6.0 TTG		U A	5723	COMPOSITE	3/16	5.0 TTG		U A
5437	COMPOSITE	5/16	8.0 TTG		U A	5724	COMPOSITE	1/4	6.0 TTG		U A
5438	COMPOSITE	3/8	10.0 TTG		U A	5725	COMPOSITE	3/8	10.0 TTG		U A
5439	COMPOSITE	1/2	12.0 TTG		U A	5726	COMPOSITE	1/2	12.0 TTG		U A
5440	COMPOSITE	(H)	10-16+ LTG (b)(A)	(.030)	U A	Standard Bent Glass ; East Butler, PA					
Shower Doors & More Inc. ; Fort Lauderdale, FL						6153	COMP+CAN	1/4	6.0 TBG		U A
5756	COMPOSITE	3/16	5.0 TTG		U A	6154	COMP+CAN	5/16	8.0 TBG		U A
5757	COMPOSITE	1/4	6.0 TTG		U A	6155	COMP+CAN	3/8	10.0 TBG		U A
5758	COMPOSITE	3/8	10.0 TTG		U A	6156	COMP+CAN	1/2	12.0 TBG		U A
5759	COMPOSITE	1/2	12.0 TTG		U A	Stargrup Cam A.S. ; Arnavutkoy, Istanbul					
SIGCO, Inc. ; Westbrook, ME						6204	COMPOSITE	1/4	6.0 TTG		U A
2961	COMPOSITE	1/8	3.0 TTG		U A	6205	COMPOSITE	3/8	10.0 TTG		U A
2962	COMPOSITE	5/32	4.0 TTG		U A	6206	COMPOSITE	1/2	12.0 TTG		U A
2963	COMPOSITE	3/16	5.0 TTG		U A	6208	COMPOSITE	(H)	12-16+ LTG (b)(A)	(.060)	U A
2964	COMPOSITE	1/4	6.0 TTG		U A	6207	COMPOSITE	(H)	12-16+ LTG (b)(A)	(.030)	U A
5213	COMPOSITE	5/16	8.0 TTG		U A	Sterling Mirror Company, LLC ; Stevensville, MD					
2965	COMPOSITE	3/8	10.0 TTG		U A	6183	COMP+CAN	1/4	6.0 TTG		U A
2966	COMPOSITE	1/2	12.0 TTG		U A	6184	COMP+CAN	3/8	10.0 TTG		U A
4326	COMPOSITE	5/8	16.0 TTG		U A	6185	COMP+CAN	1/2	12.0 TTG		U A
4327	COMPOSITE	3/4	19.0 TTG		U A	Strong Tempering Glass Industry LLC ; Brooklyn, NY					
4543	COMPOSITE	1/8	3.0 TPG (m)		U A	5939	COMPOSITE	3/16	5.0 TTG		U A
2967	COMPOSITE	5/32	4.0 TPG (s)		U A	5940	COMPOSITE	1/4	6.0 TTG		U A
3028	COMPOSITE	3/16	5.0 TPG (m)		U A	5942	COMPOSITE	3/8	10.0 TTG		U A
4206	COMPOSITE	3/8	10.0 TPG (s)		U A	5941	COMPOSITE	1/2	12.0 TTG		U A
6012	COMP+CAN	(S)	6 LTG (b)(A)	(.030)	U A	Swift Glass Co., Inc. ; Elmira Heights, NY					
6013	COMP+CAN	(H)	8-16+ LTG (b)(A)	(.030)	U A	1555	COMPOSITE	1/8	3.0 TTG		U A
6014	COMP+CAN	(H)	8-16+ LTG (ip)(A)	(.060)	U A	1556	COMPOSITE	3/16	5.0 TTG		U A
Simonton Windows ; Ellenboro, WV						1557	COMPOSITE	1/4	6.0 TTG		U A
2887	COMPOSITE	1/8	3.0 TTG		U A	1558	COMPOSITE	3/8	10.0 TTG		U A
2888	COMPOSITE	3/16	5.0 TTG		U A	1559	COMPOSITE	1/2	12.0 TTG		U A
5296	COMPOSITE	1/8	3.0 TPG (s)		U A	Syracuse Glass Co., Inc. ; Syracuse, NY					
Simonton Windows ; Paris, IL						2654	COMP+CAN	1/8	3.0 TTG		U A
4979	COMPOSITE	1/8	3.0 TTG		U A	2957	COMP+CAN	3/16	5.0 TTG		U A
4978	COMPOSITE	3/16	5.0 TTG		U A	2656	COMP+CAN	1/4	6.0 TTG		U A
5295	COMPOSITE	1/8	3.0 TPG (s)		U A	2958	COMP+CAN	3/8	10.0 TTG		U A
						2657	COMP+CAN	1/2	12.0 TTG		U A

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SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
		(THICKNESS CLASS)						(THICKNESS CLASS)			
Tacoma Glass Mfg. Inc. ; Burlington, WA						Tecnoglass S.A. ; Barranquilla, Colombia					
5165	COMPOSITE	1/4	6.0 TTG		U A	2133	COMP+CAN	1/8	3.0 TTG		U A
5166	COMPOSITE	3/8	10.0 TTG		U A	2287	COMP+CAN	5/32	4.0 TTG		U A
5167	COMPOSITE	1/2	12.0 TTG		U A	1993	COMP+CAN	3/16	5.0 TTG		U A
Tacoma Glass Mfg. Inc. ; Lakewood, WA						1994	COMP+CAN	1/4	6.0 TTG		U A
4730	COMPOSITE	1/4	6.0 TTG		U A	2134	COMP+CAN	5/16	8.0 TTG		U A
4731	COMPOSITE	3/8	10.0 TTG		U A	1995	COMP+CAN	3/8	10.0 TTG		U A
4732	COMPOSITE	1/2	12.0 TTG		U A	2135	COMP+CAN	1/2	12.0 TTG		U A
5112	COMPOSITE	(S)	6 LTG (b)(A)	(.030)	U A	2365	COMP+CAN	5/8	16.0 TTG		U A
4735	COMPOSITE	(H)	8-12 LTG (b)(A)	(.030)	U A	2894	COMP+CAN	3/4	19.0 TTG		U A
Tai Shan City Da Heng Art Glass Ltd. ; Tai Shan, Guangdong, China						4003	COMP+CAN	(H)	8-16+ LTG (b)(A)	(.030)	U A
3787	COMPOSITE	1/8	3.0 TTG		U A	Tempco Glass ; Flushing, NY					
3788	COMPOSITE	5/32	4.0 TTG		U A	5009	COMPOSITE	1/8	3.0 TTG		U A
3789	COMPOSITE	3/16	5.0 TTG		U A	5010	COMPOSITE	3/16	5.0 TTG		U A
Tai Sheng (Dong Guan) Glass Co.,Ltd ; Dongguan, Guangdong, China						5011	COMPOSITE	1/4	6.0 TTG		U A
6140	COMP+CAN	1/8	3.0 TTG		U A	5012	COMPOSITE	3/8	10.0 TTG		U A
4870	COMP+CAN	5/32	4.0 TTG		U A	5013	COMPOSITE	1/2	12.0 TTG		U A
5487	COMP+CAN	3/16	5.0 TTG		U A	Templados Del Centro SA DE C.V. ; Irapuato, Guanajuato					
4872	COMP+CAN	1/4	6.0 TTG		U A	6018	COMPOSITE	1/4	6.0 TTG		U A
4873	COMP+CAN	5/16	8.0 TTG		U A	6170	COMPOSITE	(H)	10 LTG (b)(A)	(.060)	U A
5486	COMP+CAN	3/8	10.0 TTG		U A	6019	COMPOSITE	(H)	12 LTG (b)(A)	(.030)	U A
5604	COMP+CAN	1/2	12.0 TTG		U A	Texas Tempered, a Trulite Glass and Aluminum Solutions Company ; Houston, TX					
6141	COMP+CAN	1/8	3.0 TPG (s)		U A	4847	COMPOSITE	1/8	3.0 TTG		U A
5067	COMP+CAN	5/32	4.0 TPG (m)		U A	4848	COMPOSITE	3/16	5.0 TTG		U A
5488	COMP+CAN	3/16	5.0 TPG (m)		U A	6039	COMPOSITE	1/4	6.0 TTG		U A
5068	COMP+CAN	1/4	6.0 TPG (m)		U A	4850	COMPOSITE	3/8	10.0 TTG		U A
6054	COMP+CAN	3/16	5.0 TBP (s)		U A	4851	COMPOSITE	1/2	12.0 TTG		U A
6053	COMP+CAN	3/16	5.0 TBG		U A	5365	COMPOSITE	3/4	19.0 TTG		U A
6055	COMP+CAN	1/4	6.0 TBG		U A	TG Changjiang Glass Co., Ltd ; Kunshan City, Jiangsu, China					
6142	COMP+CAN	5/16	8.0 TBG		U A	5177	COMP+CAN	3/16	5.0 TTG		U A
Taiwan Glass Industry Corp. ; Taipei, Taiwan, China						5178	COMP+CAN	1/4	6.0 TTG		U A
3886	COMP+CAN	5/32	4.0 TTG		U A	5179	COMP+CAN	5/16	8.0 TTG		U A
3887	COMP+CAN	3/16	5.0 TTG		U A	5176	COMP+CAN	(H)	12-16+ LTG (b)(A)	(.015)	U B
3888	COMP+CAN	1/4	6.0 TTG		U A	The Original Frameless Shower Door ; Coral Springs, FL					
3889	COMP+CAN	5/16	8.0 TTG		U A	4661	COMPOSITE	1/4	6.0 TTG		U A
3890	COMP+CAN	3/8	10.0 TTG		U A	4662	COMPOSITE	3/8	10.0 TTG		U A
3891	COMP+CAN	1/2	12.0 TTG		U A	4663	COMPOSITE	1/2	12.0 TTG		U A
5490	COMP+CAN	(S)	6 LTG (b)(A)	(.030)	U A	Thermal Seal Insulating Glass ; Uxbridge, MA					
3893	COMP+CAN	(H)	12 LTG (b)(A)	(.030)	U A	5731	COMPOSITE	1/8	3.0 TTG		U A
Techni-Glass, Inc. ; Surgoinsville, TN						5732	COMPOSITE	5/32	4.0 TTG		U A
2547	COMP+CAN	1/8	3.0 TTG		U A	5733	COMPOSITE	3/16	5.0 TTG		U A
2548	COMP+CAN	5/32	4.0 TTG		U A	5734	COMPOSITE	1/4	6.0 TTG		U A
2549	COMP+CAN	3/16	5.0 TTG		U A	5735	COMPOSITE	3/8	10.0 TTG		U A
2975	COMP+CAN	1/4	6.0 TTG		U A	5736	COMPOSITE	1/2	12.0 TTG		U A
3062	COMP+CAN	3/8	10.0 TTG		U A	5730	COMPOSITE	1/8	3.0 TPG (s)		U A
4509	COMP+CAN	1/2	12.0 TTG		U A	Thermo BSL ; Riviere-du-loup, QC					
4510	COMP+CAN	5/8	16.0 TTG		U A	4290	COMP+CAN	1/8	3.0 TTG		U A
3061	COMP+CAN	1/8	3.0 TPG (m)		U A	4291	COMP+CAN	5/32	4.0 TTG		U A
5050	COMP+CAN	5/32	4.0 TPG (m)		U A	4292	COMP+CAN	3/16	5.0 TTG		U A
2550	COMP+CAN	3/16	5.0 TPG (m)		U A	4293	COMP+CAN	1/4	6.0 TTG		U A
3060	COMP+CAN	1/4	6.0 TPG (m)		U A	5672	COMP+CAN	(S)	6 LTG (b)(A)	(.030)	U A
						5673	COMP+CAN	(H)	8 LTG (b)(A)	(.030)	U A
						5674	COMP+CAN	(H)	10 LTG (ip)(A)	(.090)	U A

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SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
		(THICKNESS CLASS)						(THICKNESS CLASS)			
Thermoseal Industries, LLC ; Gloucester City, NJ						Triton Glass LLC ; Albemarle, NC					
4468	COMPOSITE	1/8	3.0 TTG		U A	5690	COMPOSITE	1/8	3.0 TTG		U A
4470	COMPOSITE	3/16	5.0 TTG		U A	5691	COMPOSITE	3/16	5.0 TTG		U A
4471	COMPOSITE	1/4	6.0 TTG		U A	5692	COMPOSITE	1/4	6.0 TTG		U A
Thompson I.G. LLC. ; Fenton, MI						5693	COMPOSITE	3/8	10.0 TTG		U A
5303	COMP+CAN	1/8	3.0 TTG		U A	5694	COMPOSITE	1/2	12.0 TTG		U A
5304	COMP+CAN	3/16	5.0 TTG		U A	Triview Glass Industries ; City of Industry, CA					
5305	COMP+CAN	1/4	6.0 TTG		U A	5039	COMP+CAN	5/32	4.0 TTG		U A
5298	COMP+CAN	3/8	10.0 TTG		U A	5040	COMP+CAN	3/16	5.0 TTG		U A
5299	COMP+CAN	1/2	12.0 TTG		U A	5041	COMP+CAN	1/4	6.0 TTG		U A
5302	COMP+CAN	(H)	8 LTG (b)(A)	(.060)	U A	5042	COMP+CAN	5/16	8.0 TTG		U A
5301	COMP+CAN	(H)	10-12 LTG (b)(A)	(.030)	U A	5043	COMP+CAN	3/8	10.0 TTG		U A
Tianjin CSG Energy Conservation Glass Co., Ltd ; Tianjin, China						5044	COMP+CAN	1/2	12.0 TTG		U A
4021	COMPOSITE	5/32	4.0 TTG		U A	5045	COMP+CAN	5/8	16.0 TTG		U A
4022	COMPOSITE	3/16	5.0 TTG		U A	5046	COMP+CAN	3/4	19.0 TTG		U A
4023	COMPOSITE	1/4	6.0 TTG		U A	5047	COMP+CAN	(S)	6 LTG (b)(A)	(.030)	U A
4024	COMPOSITE	5/16	8.0 TTG		U A	5048	COMP+CAN	(H)	8 LTG (b)(A)	(.030)	U A
4025	COMPOSITE	3/8	10.0 TTG		U A	Troy Systems LLC ; Manassas, VA					
4026	COMPOSITE	1/2	12.0 TTG		U A	4918	COMPOSITE	3/16	5.0 TTG		U A
4027	COMPOSITE	*	15.0 TTG (3)		U A	4061	COMPOSITE	1/4	6.0 TTG		U A
4028	COMPOSITE	3/4	19.0 TTG		U A	4062	COMPOSITE	3/8	10.0 TTG		U A
4030	COMPOSITE	(H)	8 LTG (b)(A)	(.030)	U A	4063	COMPOSITE	1/2	12.0 TTG		U A
4106	COMPOSITE	(H)	10 LTG (b)(A)	(.045)	U A	5123	COMPOSITE	3/8	10.0 TPG (s)		U A
4107	COMPOSITE	(H)	12 LTG (b)(A)	(.060)	U A	Trulite Glass and Aluminum Solutions ; Aurora, CO					
4108	COMPOSITE	(H)	16+ LTG (b)(A)	(.090)	U A	5341	COMPOSITE	1/8	3.0 TTG		U A
Tianjin Northglass Industrial Technical Co., Ltd ; Tianjin, China						5348	COMPOSITE	5/32	4.0 TTG		U A
5220	COMPOSITE	5/16	8.0 TTG		U A	5879	COMPOSITE	3/16	5.0 TTG		U A
5221	COMPOSITE	1/2	12.0 TTG		U A	5343	COMPOSITE	1/4	6.0 TTG		U A
6044	COMPOSITE	(H)	12 LTG (b)(A)	(.060)	U A	5344	COMPOSITE	3/8	10.0 TTG		U A
5223	COMPOSITE	(H)	18+ LTG (ip)(A)	(.060)	U A	5345	COMPOSITE	1/2	12.0 TTG		U A
Tianjin SYP Engineering Glass Co., Ltd. ; Tianjin, China						5346	COMPOSITE	3/4	19.0 TTG		U A
4075	COMP+CAN	3/16	5.0 TTG		U A	5347	COMPOSITE	1/8	3.0 TPG (s)		U A
4076	COMP+CAN	1/4	6.0 TTG		U A	5349	COMPOSITE	3/16	5.0 TPG (s)		U A
4077	COMP+CAN	5/16	8.0 TTG		U A	5350	COMPOSITE	3/8	10.0 TPG (s)		U A
4078	COMP+CAN	3/8	10.0 TTG		U A	Trulite Glass and Aluminum Solutions ; Cheswick, PA					
4079	COMP+CAN	*	12.0 TTG (3)		U A	1784	COMPOSITE	1/8	3.0 TTG		U A
4080	COMP+CAN	*	15.0 TTG (3)		U A	1785	COMPOSITE	3/16	5.0 TTG		U A
4081	COMP+CAN	3/4	19.0 TTG		U A	1786	COMPOSITE	1/4	6.0 TTG		U A
4084	COMP+CAN	(H)	8-16+ LTG (b)(A)	(.030)	U A	3495	COMPOSITE	5/16	8.0 TTG		U A
Tri-Star Glass, Inc. ; Catoosa, OK						1787	COMPOSITE	3/8	10.0 TTG		U A
4004	COMPOSITE	1/8	3.0 TTG		U A	1788	COMPOSITE	1/2	12.0 TTG		U A
4005	COMPOSITE	5/32	4.0 TTG		U A	4134	COMPOSITE	5/8	16.0 TTG		U A
4006	COMPOSITE	3/16	5.0 TTG		U A	4135	COMPOSITE	3/4	19.0 TTG		U A
4007	COMPOSITE	1/4	6.0 TTG		U A	4452	COMPOSITE	1/8	3.0 TPG (s)		U A
4008	COMPOSITE	3/8	10.0 TTG		U A	1790	COMPOSITE	3/16	5.0 TPG (s)		U A
4009	COMPOSITE	1/2	12.0 TTG		U A	4453	COMPOSITE	3/8	10.0 TPG (s)		U A
4010	COMPOSITE	5/32	4.0 TPG (s)		U A						
4011	COMPOSITE	3/16	5.0 TPG (s)		U A						
5441	COMPOSITE	(S)	6 LTG (b)(A)	(.030)	U A						
4411	COMPOSITE	(H)	10-12 LTG (b)(A)	(.030)	U A						
Tri-Star Glass, Inc. ; Grand Prairie, TX											
5109	COMPOSITE	1/4	6.0 TTG		U A						
Tri-Star Glass, Inc. ; Houston, Texas											
5762	COMPOSITE	1/4	6.0 TTG		U A						

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SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
		(THICKNESS CLASS)						(THICKNESS CLASS)			
Trulite Glass and Aluminum Solutions ; City of Industry, CA						Trulite Glass and Aluminum Solutions ; Fresno, CA					
4182	COMPOSITE	1/8	3.0 TTG		U A	5820	COMPOSITE	1/8	3.0 TTG		U A
4183	COMPOSITE	5/32	4.0 TTG		U A	5821	COMPOSITE	5/32	4.0 TTG		U A
4184	COMPOSITE	3/16	5.0 TTG		U A	5822	COMPOSITE	3/16	5.0 TTG		U A
4185	COMPOSITE	1/4	6.0 TTG		U A	5823	COMPOSITE	1/4	6.0 TTG		U A
4186	COMPOSITE	3/8	10.0 TTG		U A	5825	COMPOSITE	3/8	10.0 TTG		U A
4187	COMPOSITE	1/2	12.0 TTG		U A	5826	COMPOSITE	1/2	12.0 TTG		U A
4522	COMPOSITE	5/8	16.0 TTG		U A	5828	COMPOSITE	3/4	19.0 TTG		U A
4371	COMPOSITE	3/4	19.0 TTG		U A	5829	COMPOSITE	1/8	3.0 TPG (d)		U A
4188	COMPOSITE	1/8	3.0 TPG (s)		U A	5985	COMPOSITE	5/32	4.0 TPG (m)		U A
4372	COMPOSITE	5/32	4.0 TPG (s)		U A	5830	COMPOSITE	3/16	5.0 TPG (d)		U A
4373	COMPOSITE	3/16	5.0 TPG (s)		U A	5831	COMPOSITE	1/4	6.0 TPG (m)		U A
4189	COMPOSITE	1/4	6.0 TPG (s)		U A	5832	COMPOSITE	3/8	10.0 TPG (S)		U A
4374	COMPOSITE	3/8	10.0 TPG (s)		U A	Trulite Glass and Aluminum Solutions ; Grenada, MS					
4233	COMPOSITE (S)		6 LTG (b)(A)	(.030)	U A	2787	COMPOSITE	1/8	3.0 TTG		U A
6010	COMPOSITE (H)		8-16+ LTG (b)(A)	(.030)	U A	2788	COMPOSITE	3/16	5.0 TTG		U A
6011	COMPOSITE (H)		10-16+ LTG (ip)(A)	(.060)	U A	2789	COMPOSITE	1/4	6.0 TTG		U A
Trulite Glass and Aluminum Solutions ; Columbus, OH						2840	COMPOSITE	3/8	10.0 TTG		U A
4745	COMPOSITE	1/8	3.0 TTG		U A	4743	COMPOSITE (S)		5-6 LTG (b)(A)	(.015)	U B
4746	COMPOSITE	3/16	5.0 TTG		U A	4744	COMPOSITE (H)		8-16+ LTG (b)(A)	(.030)	U A
4747	COMPOSITE	1/4	6.0 TTG		U A	5898	COMPOSITE (H)		10-12 LTG (ip)(A)	(.035)	U A
4748	COMPOSITE	1/2	12.0 TTG		U A	Trulite Glass and Aluminum Solutions ; Houston, TX					
3407	COMPOSITE (S)		6 LTG (b)(A)	(.030)	U A	5432	COMP+CAN	1/8	3.0 TTG		U A
Trulite Glass and Aluminum Solutions ; Fort Worth, TX						3925	COMP+CAN	3/16	5.0 TTG		U A
5396	COMPOSITE	1/8	3.0 TTG		U A	5483	COMP+CAN	1/4	6.0 TTG		U A
5397	COMPOSITE	5/32	4.0 TTG		U A	3927	COMP+CAN	3/8	10.0 TTG		U A
5398	COMPOSITE	3/16	5.0 TTG		U A	3928	COMP+CAN	1/2	12.0 TTG		U A
5399	COMPOSITE	1/4	6.0 TTG		U A	5477	COMP+CAN	5/8	16.0 TTG		U A
5400	COMPOSITE	3/8	10.0 TTG		U A	5478	COMP+CAN	3/4	19.0 TTG		U A
5401	COMPOSITE	1/2	12.0 TTG		U A	5433	COMP+CAN	1/8	3.0 TPG (s)		U A
5784	COMPOSITE	1/8	3.0 TPG (m)		U A	5686	COMP+CAN	5/32	4.0 TPG (d)		U A
5404	COMPOSITE	3/16	5.0 TPG (m)		U A	3931	COMP+CAN	3/16	5.0 TPG (m)		U A
5405	COMPOSITE	3/8	10.0 TPG (m)		U A	5434	COMP+CAN (S)		6 LTG (b)(A)	(.030)	U A
3603	COMPOSITE (S)		6 LTG (b)(A)	(.030)	U A	6045	COMP+CAN (S)		6 LTG (ip)(A)	(.035)	U A
5783	COMPOSITE (H)		8-16+ LTG (b)(A)	(.030)	U A	4667	COMP+CAN (H)		8-16+ LTG (b)(A)	(.030)	U A
5728	COMPOSITE (H)		8-16+ LTG (ip)(A)	(.035)	U A	6046	COMP+CAN (H)		10-16+ LTG (ip)(A)	(.035)	U A
Trulite Glass and Aluminum Solutions ; Fremont, CA						Trulite Glass and Aluminum Solutions ; Indianapolis, IN					
5792	COMPOSITE	1/8	3.0 TTG		U A	4749	COMPOSITE	1/8	3.0 TTG		U A
5793	COMPOSITE	5/32	4.0 TTG		U A	4752	COMPOSITE	5/32	4.0 TTG		U A
5794	COMPOSITE	3/16	5.0 TTG		U A	4922	COMPOSITE	3/16	5.0 TTG		U A
5795	COMPOSITE	1/4	6.0 TTG		U A	4923	COMPOSITE	1/4	6.0 TTG		U A
5796	COMPOSITE	5/16	8.0 TTG		U A	4754	COMPOSITE	3/8	10.0 TTG		U A
5797	COMPOSITE	3/8	10.0 TTG		U A	4753	COMPOSITE	1/2	12.0 TTG		U A
5798	COMPOSITE	1/2	12.0 TTG		U A	4750	COMPOSITE	3/16	5.0 TPG (s)		U A
5800	COMPOSITE	3/4	19.0 TTG		U A	Trulite Glass and Aluminum Solutions ; Knoxville, TN					
5801	COMPOSITE	1/8	3.0 TPG (d)		U A	4209	COMPOSITE	1/8	3.0 TTG		U A
5802	COMPOSITE	5/32	4.0 TPG (m)		U A	4827	COMPOSITE	5/32	4.0 TTG		U A
5803	COMPOSITE	3/16	5.0 TPG (s)		U A	4152	COMPOSITE	3/16	5.0 TTG		U A
5804	COMPOSITE	1/4	6.0 TPG (m)		U A	4153	COMPOSITE	1/4	6.0 TTG		U A
5805	COMPOSITE	3/8	10.0 TPG (S)		U A	4158	COMPOSITE	3/8	10.0 TTG		U A
						4159	COMPOSITE	1/2	12.0 TTG		U A
						4207	COMPOSITE	1/8	3.0 TPG (m)		U A
						4981	COMPOSITE	5/32	4.0 TPG (d)		U A
						4160	COMPOSITE	3/16	5.0 TPG (d)		U A
						4980	COMPOSITE	1/4	6.0 TPG (d)		U A
						5134	COMPOSITE	3/8	10.0 TPG (m)		U A

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SGCC#	TEST STD	INCHES (THICKNESS CLASS)	(MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC#	TEST STD	INCHES (THICKNESS CLASS)	(MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
Trulite Glass and Aluminum Solutions ; Las Vegas, NV							Trulite Glass and Aluminum Solutions ; Phoenix, AZ						
4210	COMPOSITE	1/8		3.0 TTG		U A	5700	COMPOSITE	1/8		3.0 TTG		U A
4212	COMPOSITE	3/16		5.0 TTG		U A	5701	COMPOSITE	5/32		4.0 TTG		U A
4213	COMPOSITE	1/4		6.0 TTG		U A	5702	COMPOSITE	3/16		5.0 TTG		U A
4214	COMPOSITE	3/8		10.0 TTG		U A	5746	COMPOSITE	1/4		6.0 TTG		U A
4215	COMPOSITE	1/2		12.0 TTG		U A	5703	COMPOSITE	3/8		10.0 TTG		U A
4216	COMPOSITE	3/4		19.0 TTG		U A	5704	COMPOSITE	1/2		12.0 TTG		U A
4217	COMPOSITE	1/8		3.0 TPG (s)		U A	5705	COMPOSITE	1/8		3.0 TPG (s)		U A
4218	COMPOSITE	5/32		4.0 TPG (m)		U A	5706	COMPOSITE	3/16		5.0 TPG (m)		U A
4219	COMPOSITE	3/16		5.0 TPG (m)		U A	5707	COMPOSITE	1/4		6.0 TPG (s)		U A
4220	COMPOSITE	1/4		6.0 TPG (m)		U A	5747	COMPOSITE	3/8		10.0 TPG (s)		U A
4221	COMPOSITE	3/8		10.0 TPG (s)		U A	Trulite Glass and Aluminum Solutions ; Sacramento, CA						
Trulite Glass and Aluminum Solutions ; Lithia Springs, GA							5807	COMPOSITE	1/8		3.0 TTG IN		U A
6101	COMP+CAN	1/8		3.0 TTG		U A	5808	COMPOSITE	5/32		4.0 TTG IN		U A
6102	COMP+CAN	3/16		5.0 TTG		U A	5809	COMPOSITE	3/16		5.0 TTG IN		U A
6103	COMP+CAN	1/4		6.0 TTG		U A	5810	COMPOSITE	1/4		6.0 TTG IN		U A
6104	COMP+CAN	3/8		10.0 TTG		U A	5812	COMPOSITE	3/8		10.0 TTG IN		U A
6105	COMP+CAN	1/2		12.0 TTG		U A	5813	COMPOSITE	1/2		12.0 TTG (IN)		U A
6106	COMP+CAN	5/8		16.0 TTG		U A	5816	COMPOSITE	3/16		5.0 TPG (d)(IN)		U A
6107	COMP+CAN	3/4		19.0 TTG		U A	5817	COMPOSITE	1/4		6.0 TPG (m)(IN)		U A
6112	COMP+CAN	1/8		3.0 TPG (s)		U A	5818	COMPOSITE	3/8		10.0 TPG (s)(IN)		U A
6113	COMP+CAN	3/16		5.0 TPG (m)		U A	Trulite Glass and Aluminum Solutions ; Salt Lake City, UT						
6114	COMP+CAN	1/4		6.0 TPG (m)		U A	5337	COMPOSITE	3/16		5.0 TTG		U A
6115	COMP+CAN	3/8		10.0 TPG (s)		U A	5338	COMPOSITE	1/4		6.0 TTG		U A
6108	COMP+CAN	(S)		6 LTG (b)(A)	(.030)	U A	5339	COMPOSITE	3/8		10.0 TTG		U A
6110	COMP+CAN	(S)		6 LTG (ip)(A)	(.035)	U A	5340	COMPOSITE	1/2		12.0 TTG		U A
6111	COMP+CAN	(H)		8-16+ LTG (ip)(A)	(.035)	U A	6006	COMPOSITE	3/16		5.0 TPG (m)		U A
6109	COMP+CAN	(H)		8-16+ LTG (b)(A)	(.030)	U A	6007	COMPOSITE	1/4		6.0 TPG (s)		U A
Trulite Glass and Aluminum Solutions ; New Berlin, WI							6008	COMPOSITE	3/8		10.0 TPG (s)		U A
5876	COMPOSITE	1/8		3.0 TTG		U A	Trulite Glass and Aluminum Solutions ; San Antonio, TX						
5317	COMPOSITE	5/32		4.0 TTG		U A	3645	COMPOSITE	1/8		3.0 TTG		U A
5318	COMPOSITE	3/16		5.0 TTG		U A	3646	COMPOSITE	5/32		4.0 TTG		U A
5877	COMPOSITE	1/4		6.0 TTG		U A	3839	COMPOSITE	3/16		5.0 TTG		U A
5320	COMPOSITE	5/16		8.0 TTG		U A	3326	COMPOSITE	1/4		6.0 TTG		U A
5321	COMPOSITE	3/8		10.0 TTG		U A	3327	COMPOSITE	3/8		10.0 TTG		U A
5322	COMPOSITE	1/2		12.0 TTG		U A	4277	COMPOSITE	1/2		12.0 TTG		U A
5896	COMPOSITE	5/8		16.0 TTG		U A	3818	COMPOSITE	1/8		3.0 TPG (s)		U A
5897	COMPOSITE	3/4		19.0 TTG		U A	3647	COMPOSITE	5/32		4.0 TPG (m)		U A
3430	COMPOSITE	(S)		6 LTG (b)(A)	(.030)	U A	4342	COMPOSITE	3/16		5.0 TPG (m)		U A
5936	COMPOSITE	(H)		8-12 LTG (b)(A)	(.030)	U A	Trulite Glass and Aluminum Solutions ; Tulsa, OK						
5937	COMPOSITE	(H)		8-16+ LTG (ip)(A)	(.060)	U A	5687	COMPOSITE	1/8		3.0 TTG		U A
Trulite Glass and Aluminum Solutions ; Orlando, FL							5443	COMPOSITE	5/32		4.0 TTG		U A
5183	COMPOSITE	1/8		3.0 TTG		U A	5444	COMPOSITE	3/16		5.0 TTG		U A
5185	COMPOSITE	3/16		5.0 TTG		U A	5445	COMPOSITE	1/4		6.0 TTG		U A
5184	COMPOSITE	1/4		6.0 TTG		U A	5446	COMPOSITE	3/8		10.0 TTG		U A
5186	COMPOSITE	3/8		10.0 TTG		U A	5447	COMPOSITE	1/2		12.0 TTG		U A
5187	COMPOSITE	1/2		12.0 TTG		U A	5688	COMPOSITE	1/8		3.0 TPG (s)		U A
5680	COMPOSITE	5/8		16.0 TTG		U A	5448	COMPOSITE	5/32		4.0 TPG (d)		U A
5188	COMPOSITE	3/4		19.0 TTG		U A	5449	COMPOSITE	3/16		5.0 TPG (m)		U A
5189	COMPOSITE	1/8		3.0 TPG (s)		U A	5450	COMPOSITE	1/4		6.0 TPG (m)		U A
5190	COMPOSITE	3/16		5.0 TPG (m)		U A	5451	COMPOSITE	3/8		10.0 TPG (s)		U A
5191	COMPOSITE	1/4		6.0 TPG (m)		U A							
5192	COMPOSITE	3/8		10.0 TPG (s)		U A							
3461	COMPOSITE	(S)		6 LTG (b)(A)	(.030)	U A							
5484	COMPOSITE	(H)		8-16+ LTG (b)(A)	(.030)	U A							
5485	COMPOSITE	(H)		10-12 LTG (ip)(A)	(.035)	U A							

Certified Products-Alphabetical By Plant

SGCC#	TEST STD	INCHES (THICKNESS CLASS)	(MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC#	TEST STD	INCHES (THICKNESS CLASS)	(MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
Trulite Glass and Aluminum Solutions ; Vaughan, ON							United Plate Glass Company of Charlotte ; Lincolnton, NC						
5507	COMP+CAN	5/32		4.0 TTG		U A	3948	COMP+CAN	1/8		3.0 TTG		U A
5508	COMP+CAN	3/16		5.0 TTG		U A	4197	COMPOSITE	5/32		4.0 TTG		U A
5509	COMP+CAN	1/4		6.0 TTG		U A	3949	COMP+CAN	3/16		5.0 TTG		U A
5510	COMP+CAN	5/16		8.0 TTG		U A	3950	COMP+CAN	1/4		6.0 TTG		U A
5511	COMP+CAN	3/8		10.0 TTG		U A	3951	COMP+CAN	3/8		10.0 TTG		U A
5782	COMP+CAN	1/2		12.0 TTG		U A	3952	COMP+CAN	1/2		12.0 TTG		U A
5631	COMP+CAN	(S)		6 LTG (b)(A)	(.030)	U A	3954	COMP+CAN	1/8		3.0 TPG (d)		U A
5632	COMP+CAN	(H)		8-16+ LTG (b)(A)	(.030)	U A	4636	COMPOSITE	5/32		4.0 TPG (d)		U A
Trulite Glass and Aluminum Solutions ; Youngsville, NC							3955	COMP+CAN	3/16		5.0 TPG (d)		U A
5272	COMPOSITE	1/8		3.0 TTG		U A	Unitex Glass Chengdu Co., Ltd ; Chendu, Sichuan, China						
5517	COMPOSITE	5/32		4.0 TTG		U A	5462	COMPOSITE	1/8		3.0 TTG		U A
5273	COMPOSITE	3/16		5.0 TTG		U A	5463	COMPOSITE	5/32		4.0 TTG		U A
5274	COMPOSITE	1/4		6.0 TTG		U A	5407	COMPOSITE	3/16		5.0 TTG		U A
5518	COMPOSITE	5/16		8.0 TTG		U A	5408	COMPOSITE	1/4		6.0 TTG		U A
5275	COMPOSITE	3/8		10.0 TTG		U A	5414	COMPOSITE	3/8		10.0 TTG		U A
5276	COMPOSITE	1/2		12.0 TTG		U A	Upstate Glass Tempering Inc. ; Middletown, NY						
6009	COMPOSITE	5/8		16.0 TTG		U A	4926	COMPOSITE	1/8		3.0 TTG		U A
5277	COMPOSITE	3/4		19.0 TTG		U A	6068	COMPOSITE	3/16		5.0 TTG		U A
5279	COMPOSITE	3/16		5.0 TPG (s)		U A	5157	COMPOSITE	1/4		6.0 TTG		U A
4437	COMPOSITE	(S)		6 LTG (b)(A)	(.030)	U A	4927	COMPOSITE	3/8		10.0 TTG		U A
5516	COMPOSITE	(H)		8-16+ LTG (b)(A)	(.030)	U A	5158	COMPOSITE	1/2		12.0 TTG		U A
TVITEC ; Cubillo del Sil, Spain							Valentini Glass & Components srl ; Brescia, Italy						
5519	COMPOSITE	(H)		12 LTG (ip)(A)	(.070)	U A	2423	COMPOSITE	5/32		4.0 TTG		U A
Tweddells Inc. ; Santa Ana, CA							4246	COMPOSITE	5/32		4.0 TBG		U A
5384	COMP+CAN	1/8		3.0 TTG		U A	2898	COMPOSITE	1/4		6.0 TBG		U A
4993	COMP+CAN	3/16		5.0 TTG		U A	Vidrio Bisel S.A. de C.V. ; Santa Catarina, Nuevo Leon, Mexico						
5385	COMP+CAN	1/4		6.0 TTG		U A	4966	COMPOSITE	1/4		6.0 TTG		U A
5386	COMP+CAN	3/8		10.0 TTG		U A	4967	COMPOSITE	3/8		10.0 TTG		U A
U.S. Glass Distributors Inc. ; Enfield, CT							4969	COMPOSITE	(S)		6 LTG (b)(A)	(.015)(C1)	U B
5921	COMP+CAN	1/8		3.0 TTG		U A	4968	COMPOSITE	(S)		6 LTG (b)(A)	(.030)	U A
5922	COMP+CAN	3/16		5.0 TTG		U A	Vidrios el Castillo SC de RL de CV ; Escobedo, Nuevo Leon, Mexico						
5923	COMP+CAN	1/4		6.0 TTG		U A	5840	COMP+CAN	1/4		6.0 TTG		U A
5924	COMP+CAN	5/16		8.0 TTG		U A	5781	COMP+CAN	3/8		10.0 TTG		U A
5925	COMP+CAN	3/8		10.0 TTG		U A	6058	COMP+CAN	(S)		6 LTG (b)(A)	(.015)	U B
5926	COMP+CAN	1/2		12.0 TTG		U A	6083	COMP+CAN	(S)		6 LTG (b)(A)	(.030)	U A
5927	COMP+CAN	5/8		16.0 TTG		U A	View Inc. ; Olive Branch, MS						
5917	COMP+CAN	5/32		4.0 TPG (d)		U A	4725	COMPOSITE	1/8		3.0 TTG		U A
5918	COMP+CAN	3/16		5.0 TPG (m)		U A	4726	COMPOSITE	5/32		4.0 TTG		U A
5919	COMP+CAN	1/4		6.0 TPG (s)		U A	4727	COMPOSITE	3/16		5.0 TTG		U A
5920	COMP+CAN	3/8		10.0 TPG (s)		U A	4728	COMPOSITE	1/4		6.0 TTG		U A
United Plate Glass Co., Inc. ; Butler, PA							5834	COMPOSITE	(H)		8-10 LTG (b)(A)	(.030)	U A
2467	COMPOSITE	1/8		3.0 TTG		U A	5841	COMPOSITE	(H)		8-10 LTG (ip)(A)	(.060)	U A
2468	COMPOSITE	3/16		5.0 TTG		U A	Viracon Inc. ; Owatonna, MN						
2469	COMPOSITE	1/4		6.0 TTG		U A	4354	COMP+CAN	5/32		4.0 TTG		U A
2470	COMPOSITE	3/8		10.0 TTG		U A	1403	COMP+CAN	3/16		5.0 TTG		U A
2471	COMPOSITE	1/2		12.0 TTG		U A	1404	COMP+CAN	1/4		6.0 TTG		U A
							3689	COMP+CAN	5/16		8.0 TTG		U A
							1508	COMP+CAN	3/8		10.0 TTG		U A
							1509	COMP+CAN	1/2		12.0 TTG		U A
							1637	COMP+CAN	(S)		6 LTG (b)(A)	(.030)	U A
							4249	COMP+CAN	(H)		8-16+ LTG (b)(A)	(.030)	U A
							4250	COMP+CAN	(H)		12-16+ LTG (ip)(A)	(.060)	U A

Certified Products-Alphabetical By Plant

SGCC#	TEST STD	INCHES (THICKNESS CLASS)	(MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC#	TEST STD	INCHES (THICKNESS CLASS)	(MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
Viracon Inc. ; St. George, UT							Whalley Glass Co ; Derby, CT						
5582	COMPOSITE	3/16		5.0 TTG		U A	6226	COMPOSITE	1/8		3.0 TTG		U A
5555	COMPOSITE	1/4		6.0 TTG		U A	6227	COMPOSITE	3/16		5.0 TTG		U A
5556	COMPOSITE	5/16		8.0 TTG		U A	6228	COMPOSITE	1/4		6.0 TTG		U A
5557	COMPOSITE	3/8		10.0 TTG		U A	6229	COMPOSITE	3/8		10.0 TTG		U A
6116	COMPOSITE	(S)		6 LTG (b)(A)	(.030)	U A	White Aluminum Enterprises LLC ; Abu Dhabi, United Arab Emirates						
6117	COMPOSITE	(H)		10-16+ LTG (b)(A)	(.030)	U A	4598	COMPOSITE	1/4		6.0 TTG		U A
6171	COMPOSITE	(H)		12-16 LTG (ip)(A)	(.060)	U A	4597	COMPOSITE	5/16		8.0 TTG		U A
Viracon Inc. ; Statesboro, GA							Wholesale Glass Dist. ; Memphis, TN						
2314	COMP+CAN	3/16		5.0 TTG		U A	4379	COMPOSITE	3/16		5.0 TTG		U A
2310	COMP+CAN	1/4		6.0 TTG		U A	4380	COMPOSITE	1/4		6.0 TTG		U A
4720	COMP+CAN	5/16		8.0 TTG		U A	4381	COMPOSITE	3/8		10.0 TTG		U A
2311	COMP+CAN	3/8		10.0 TTG		U A	4382	COMPOSITE	1/2		12.0 TTG		U A
5017	COMP+CAN	(S)		6 LTG (b)(A)	(.030)	U A	Wisconsin Shower Door & Supply Corp ; Menomonee Falls, WI						
4779	COMP+CAN	(H)		8-16+ LTG (b)(A)	(.030)	U A	5585	COMPOSITE	1/8		3.0 TTG		U A
4784	COMP+CAN	(H)		12 LTG (ip)(A)	(.090)	U A	5587	COMPOSITE	3/16		5.0 TTG		U A
Virginia Glass Products Corp. ; Martinsville, VA							5588	COMPOSITE	1/4		6.0 TTG		U A
12	COMPOSITE	3/16		5.0 TTG		U A	5589	COMPOSITE	3/8		10.0 TTG		U A
14	COMPOSITE	1/4		6.0 TTG		U A	5590	COMPOSITE	1/2		12.0 TTG		U A
93	COMPOSITE	3/8		10.0 TTG		U A	5592	COMPOSITE	1/8		3.0 TPG (s)		U A
94	COMPOSITE	1/2		12.0 TTG		U A	5593	COMPOSITE	5/32		4.0 TPG (m)		U A
2182	COMPOSITE	5/8		16.0 TTG		U A	5594	COMPOSITE	3/16		5.0 TPG (s)		U A
95	COMPOSITE	3/4		19.0 TTG		U A	5595	COMPOSITE	1/4		6.0 TPG (m)		U A
5194	COMPOSITE	(H)		12 LTG (ip)(A)	(.035)	U A	5596	COMPOSITE	3/8		10.0 TPG (m)		U A
5383	COMPOSITE	(H)		12 LTG (ev)(6)(A)	(.030)	U A	5597	COMPOSITE	1/2		12.0 TPG (m)		U A
Vistamatic ; Coral Springs, FL							Wolverine Glass Products, Inc. ; Grand Rapids, MI						
6082	COMPOSITE	(H)		10 LTG (ev)(A)	(.030)	U A	5425	COMP+CAN	1/8		3.0 TTG		U A
6015	COMPOSITE	(H)		12 LTG (ev)(A)	(.030)	U A	5426	COMP+CAN	5/32		4.0 TTG		U A
Vitemex ; Reynosa, Tamaulipas Mexico							5427	COMP+CAN	3/16		5.0 TTG		U A
5393	COMPOSITE	1/4		6.0 TTG		U A	5428	COMP+CAN	1/4		6.0 TTG		U A
5394	COMPOSITE	3/8		10.0 TTG		U A	5429	COMP+CAN	5/16		8.0 TTG		U A
5395	COMPOSITE	1/2		12.0 TTG		U A	5430	COMP+CAN	3/8		10.0 TTG		U A
Vitra Vidrios Transformados SA de CV ; Cortes, Honduras							5431	COMP+CAN	1/2		12.0 TTG		U A
5037	COMPOSITE	5/32		4.0 TTG		U A	6059	COMP+CAN	1/8		3.0 TPG (m)		U A
4651	COMPOSITE	3/16		5.0 TTG		U A	6060	COMP+CAN	5/32		4.0 TPG (m)		U A
4652	COMPOSITE	1/4		6.0 TTG		U A	WSD Glass, Inc. ; Winston-Salem, NC						
4653	COMPOSITE	5/16		8.0 TTG		U A	4048	COMPOSITE	3/16		5.0 TTG		U A
4654	COMPOSITE	3/8		10.0 TTG		U A	4049	COMPOSITE	1/4		6.0 TTG		U A
4655	COMPOSITE	1/2		12.0 TTG		U A	4052	COMPOSITE	3/8		10.0 TTG		U A
Viwinco, Inc. ; Morgantown, PA							4050	COMPOSITE	1/2		12.0 TTG		U A
3074	COMPOSITE	1/8		3.0 TTG		U A	4051	COMPOSITE	3/16		5.0 TPG (s)		U A
3405	COMPOSITE	3/16		5.0 TTG		U A	Wujiang Golden Glass Technologies, Ltd. ; Wujiang City,						
3408	COMPOSITE	(H)		8 LTG (b)(A)	(.090)	U A	5251	COMPOSITE	1/4		6.0 TTG		U A
W. A. Wilson Inc. ; Wheeling, WV							5252	COMPOSITE	5/16		8.0 TTG		U A
4169	COMPOSITE	1/8		3.0 TTG		U A	5253	COMPOSITE	3/8		10.0 TTG		U A
4170	COMPOSITE	3/16		5.0 TTG		U A	5254	COMPOSITE	1/2		12.0 TTG		U A
4171	COMPOSITE	1/4		6.0 TTG		U A	5255	COMPOSITE	*		15.0 TTG (3)		U A
4172	COMPOSITE	3/8		10.0 TTG		U A	5256	COMPOSITE	3/4		19.0 TTG		U A
4173	COMPOSITE	1/2		12.0 TTG		U A	5257	COMPOSITE	(H)		8 LTG (b)(A)	(.030)	U A
5173	COMPOSITE	1/8		3.0 TPG (d)		U A	5258	COMPOSITE	(H)		10 LTG (ip)(A)	(.035)	U A
4175	COMPOSITE	3/16		5.0 TPG (d)		U A							
4176	COMPOSITE	3/8		10.0 TPG (s)		U A							

Certified Products-Alphabetical By Plant

SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
		(THICKNESS CLASS)						(THICKNESS CLASS)			
Xianning CSG Energy Conservation Glass Co., LTD. ; Xianning, Hubei						Zhejiang Zhongli Energy Efficient Glass Mfg. Co., Ltd ; Hangzhou, Zhejiang, China					
5978	COMPOSITE	5/32	4.0 TTG		U A	5077	COMP+CAN	3/16	5.0 TTG		U A
5979	COMPOSITE	3/16	5.0 TTG		U A	5078	COMP+CAN	1/4	6.0 TTG		U A
6004	COMPOSITE	1/4	6.0 TTG		U A	5079	COMP+CAN	5/16	8.0 TTG		U A
6005	COMPOSITE	5/16	8.0 TTG		U A	5080	COMP+CAN	3/8	10.0 TTG		U A
5980	COMPOSITE	3/8	10.0 TTG		U A	5081	COMP+CAN	1/2	12.0 TTG		U A
5981	COMPOSITE	1/2	12.0 TTG		U A						
5982	COMPOSITE	*	15.0 TTG (3)		U A						
5983	COMPOSITE	3/4	19.0 TTG		U A						
5984	COMPOSITE	(H)	8,12 LTG (b)(A)	(.030)	U A						
Xinyi Glass (Tianjin) Co. Ltd. ; Tianjin, China											
5532	COMP+CAN	3/16	5.0 TTG		U A						
5533	COMP+CAN	1/4	6.0 TTG		U A						
5534	COMP+CAN	5/16	8.0 TTG		U A						
5535	COMP+CAN	3/8	10.0 TTG		U A						
5536	COMP+CAN	1/2	12.0 TTG		U A						
5538	COMP+CAN	(S)	6 LTG (b)(A)	(.030)	U A						
5539	COMP+CAN	(H)	8-16+ LTG (b)(A)	(.030)	U A						
Xinyi Group (Glass) Co., Ltd. ; Dongguan, Guangdong, China											
3085	COMP+CAN	3/16	5.0 TTG		U A						
3053	COMP+CAN	1/4	6.0 TTG		U A						
4648	COMP+CAN	5/16	8.0 TTG		U A						
3054	COMP+CAN	3/8	10.0 TTG		U A						
3055	COMP+CAN	*	12.0 TTG (4)		U A						
4179	COMP+CAN	*	15.0 TTG (3)		U A						
3056	COMP+CAN	(S)	6 LTG (b)(A)	(.030)	U A						
3489	COMP+CAN	(H)	8-16+ LTG (b)(A)	(.030)	U A						
Yao Xiang Glass Product Co. Ltd. ; Foshan, Guangdong, China											
3736	COMP+CAN	5/32	4.0 TTG		U A						
3737	COMP+CAN	3/16	5.0 TTG		U A						
3738	COMP+CAN	1/4	6.0 TTG		U A						
3739	COMP+CAN	5/16	8.0 TTG		U A						
3740	COMP+CAN	3/8	10.0 TTG		U A						
3741	COMP+CAN	1/2	12.0 TTG		U A						
3742	COMP+CAN	3/16	5.0 TBG		U A						
3743	COMP+CAN	1/4	6.0 TBG		U A						
Yong Feng Tai Foshan City Glas Co., LTD. ; Foshan, Guangdong, China											
5890	COMPOSITE	3/16	5.0 TTG		U A						
5891	COMPOSITE	1/4	6.0 TTG		U A						
5892	COMPOSITE	5/16	8.0 TTG		U A						
5893	COMPOSITE	3/8	10.0 TTG		U A						
5894	COMPOSITE	1/4	6.0 TBG		U A						
Zhangjiagang City Daming Glass Product Co., Ltd ; Zhangjiagang City, Jiangsu											
5464	COMP+CAN	5/16	8.0 TTG		U A						
5465	COMP+CAN	3/8	10.0 TTG		U A						
5466	COMP+CAN	1/2	12.0 TTG		U A						
Zhangjiagang Weiyu Fabricated Glass Co. Ltd. ; Zhangjiagang, Jiangsu, China											
5737	COMPOSITE	1/8	3.0 TTG		U A						
5738	COMPOSITE	5/32	4.0 TTG		U A						
5739	COMPOSITE	3/16	5.0 TTG		U A						
5740	COMPOSITE	1/4	6.0 TTG		U A						

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<i>SGCC#</i>	<i>TEST STD</i>	<i>INCHES</i> <i>(THICKNESS</i> <i>CLASS)</i>	<i>(MM)</i>	<i>TYPE</i>	<i>MAX SIZE</i> <i>CERTIFIED</i>	<i>ANSI</i> <i>CLASS</i>	<i>SGCC#</i>	<i>TEST STD</i>	<i>INCHES</i> <i>(THICKNESS</i> <i>CLASS)</i>	<i>(MM)</i>	<i>TYPE</i>	<i>MAX SIZE</i> <i>CERTIFIED</i>	<i>ANSI</i> <i>CLASS</i>
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CERTIFIED PRODUCTS KEY**Glass Product Type Codes**

TTG	TEMPERED TRANSPARENT GLASS
TPG	TEMPERED PATTERNED GLASS
TBG	TEMPERED BENT GLASS
TBP	TEMPERED BENT PATTERNED GLASS
LTG	LAMINATED TRANSPARENT GLASS
LPG	LAMINATED PATTERNED GLASS
LSP	LAMINATED SPECIALTY PRODUCTS
OCG	ORGANIC COATED GLASS
OCH	ORGANIC COATED GLASS HYBRID
SPS	SAFETY PLASTIC SHEET

Glass Standard Attribute Code

U	UNLIMITED SIZE CATEGORY
A	ANSI STANDARD - DROP HEIGHT CLASS - 48 INCH DROP
B	ANSI STANDARD - DROP HEIGHT CLASS - 18 INCH DROP
(2)	CONFORMS TO EN 572-7 THICKNESS TOLERANCES FOR BENT/CHANNEL GLASS
(3)	CONFORMS TO EN 572-2 THICKNESS TOLERANCES FOR TEMPERED GLASS
(4)	CONFORMS TO EN 12150 THICKNESS TOLERANCES FOR TEMPERED GLASS
(5)	CONFORMS TO EN 572-5 THICKNESS TOLERANCES FOR PATTERNED GLASS
(6)	INDOOR USE ONLY
(7)	CONFORMS TO JIS 3202:2011 THICKNESS TOLERANCES FOR TEMPERED GLASS
(c1)	CPSC CAT 1 ONLY
(*)	INDICATES EN STANDARD THICKNESS TOLERANCE

Pattern Glass Attribute Codes

(s)	SHALLOW PATTERN
(m)	MEDIUM PATTERN
(d)	DEEP PATTERN

Laminated Glass Attribute Code

(S)	STANDARD THICKNESS CLASS FOR LAMINATED GLASS
(H)	HEAVY THICKNESS CLASS FOR LAMINATED GLASS
(A)	ANNEALED
(HS)	HEAT STRENGTHENED
(T)	TEMPERED
(b)	POLY VINYL BUTRAL INTERLAYER
(el)	EPOXY LIQUID CRYSTAL POLYMER
(ip)	IONOMER
(lc)	LIQUID RESIN - MULTI COMPONENT
(lu)	LIQUID RESIN - UV CURE
(p)	POLYETHYLENE TEREPHTHALATE
(f)	FLUORINATED ETHYLENE PROPYLENE INTERLAYER
(u)	POLYURETHANE
(ev)	ETHYLENE-VINYL ACETATE

Miscellaneous Codes

(IN)	INACTIVE (Products bearing this designation have executed a Test Release Bond waiving testing for this certification period due to inactive production)
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Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>	<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
<u>Tempered Transparent Glass</u>						
<i>1/8 Inch Tempered Transparent Glass</i>						
AGC Flat Glass North America	Spring Hill, KS	1702	COMP+CAN		500 U	A
AGC Flat Glass North America	Greenland, TN	598	COMP+CAN		285 U	A
AGC/Poma Glass Co. N.A.	Boardman, OH	5471	COMP+CAN		800 U	A
AGC-Poma Glass Co. N.A.	Quakertown, PA	2507	COMPOSITE		100 U	A
Aldora Aluminum and Glass Products Inc.	Charleston, SC	4328	COMPOSITE		285 U	A
Aldora Aluminum and Glass Products, Inc.	Orlando, FL	5574	COMPOSITE		285 U	A
American Insulated Glass Inc.	Conley, GA	5283	COMPOSITE		165 U	A
Amsco Windows	Salt Lake City, UT	2578	COMPOSITE		750 U	A
Anthony International	San Fernando, CA	520	COMPOSITE		250 U	A
Anthony International	Madison, GA	3249	COMPOSITE		165 U	A
Architectural Glass Products, LLC.	St. Louis, MO	4571	COMPOSITE		100 U	A
Arlene Stained Glass & Door	Houston, TX	5127	COMPOSITE		175 U	A
ATI Windows	Riverside, CA	5635	COMPOSITE		250 U	A
ATN Holding Inc.	Mira Loma, CA	5887	COMPOSITE		250 U	A
Basco Engineered Products	Hamilton, OH	4139	COMPOSITE		200 U	A
Blue Star Glass Inc.	North Brunswick, NJ	4517	COMPOSITE		100 U	A
Bronco Industries, Inc.	Delta, BC	5870	COMP+CAN		195 U	A
Cameron Glass, Inc.	Broken Arrow, OK	4832	COMPOSITE		500 U	A
Cardinal CG	Moreno Valley, CA	2293	COMP+CAN		250 U	A
Cardinal CG	Buford, GA	1921	COMP+CAN		165 U	A
Cardinal CG	Waxahachie, TX	2699	COMP+CAN		175 U	A
Cardinal CG	Mazomanie, WI	4780	COMP+CAN		150 U	A
Cardinal CG	Spring Green, WI	2067	COMP+CAN		600 U	A
Cardinal CG	Northfield, MN	1985	COMP+CAN		150 U	A
Cardinal CG	Galt, CA	2357	COMPOSITE		125 U	A
Cardinal CG	Loveland, CO	3579	COMPOSITE		500 U	A
Cardinal CG	Tumwater, WA	2007	COMP+CAN		195 U	A
Cardinal CT	Utica, OH	4620	COMP+CAN		100 U	A
Cardinal CT	Easton, PA	4756	COMP+CAN		100 U	A
Cardinal CT	Los Angeles, CA	5085	COMP+CAN		250 U	A
Cardinal CT	Adel, GA	5095	COMPOSITE		165 U	A
Cardinal CT	Mount Airy, NC	4578	COMP+CAN		165 U	A
Cardinal CT - S	Irving TX	5101	COMPOSITE		175 U	A
Cardinal CT - W	Irving TX	5245	COMPOSITE		175 U	A
Cardinal FG	Durant, OK	2909	COMP+CAN		175 U	A
Cardinal IG	Hood River, OR	2831	COMP+CAN		195 U	A
Cardinal IG	Tomah, WI	2317	COMP+CAN		600 U	A
Cardinal IG	Fremont, IN	2176	COMP+CAN		150 U	A
Cardinal IG	Fargo, ND	2235	COMP+CAN		150 U	A
Cardinal IG	Greenfield, IA	1827	COMP+CAN		500 U	A
Cardinal IG	Waxahachie, TX	2328	COMP+CAN		175 U	A
Cardinal IG	Vinton, VA	2919	COMP+CAN		100 U	A
Cardinal IG	Mountain Top, PA	3068	COMP+CAN		100 U	A
Cardinal IG	Ocala, FL	3505	COMPOSITE		285 U	A
Cardinal IG	Spring Green, WI	1831	COMP+CAN		150 U	A
Cardinal IG	Casa Grande, AZ	2878	COMP+CAN		250 U	A
Cardinal TG	Chehalis, WA	3455	COMP+CAN		750 U	A
Cardinal TG	Tomah, WI	1804	COMP+CAN		600 U	A
Changshu Hard Glass Co., Ltd.	Changshu, Jiangsu, China	2904	COMPOSITE		125 U	A

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>	<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
<i>1/8 Inch Tempered Transparent Glass</i>						
Changshu Weier Glass Products Co. Ltd.	Changshu, Jiangsu, China	5351	COMPOSITE	195 U		A
Changshu Xingfu Glass Building Material Co., LTD	Changshu, Jiangsu, China	4657	COMP+CAN	165 U		A
Changshu Zhongxin Bldg. Mat. Co.	Changshu City, China	2432	COMP+CAN	750 U		A
Changshu Zhouxing Glass Co. Ltd.	Changshu, Jiangsu Province, China	4936	COMPOSITE	125 U		A
ClearEdge Glass	Baton Rouge, LA	5308	COMPOSITE	175 U		A
Cleer Vision Tempered Glass	Elkhart, IN	4546	COMP+CAN	200 U		A
Commercial Insulating Glass Co.	Cumberland City, TN	3806	COMPOSITE	165 U		A
Commercial Insulating Glass Co.	Sarasota, FL	1889	COMPOSITE	285	30x76	A
Consolidated Glass Corp.	New Castle, PA	1998	COMP+CAN	285 U		A
Contour Industries, Inc.	Surgoinsville, TN	1680	COMP+CAN	285 U		A
Contract Glass	Billerica, MA	4970	COMPOSITE	100 U		A
Contractors Wardrobe	Valencia, CA	3464	COMP+CAN	250 U		A
Coral Industries Glass Division	Tuscaloosa, AL	3420	COMPOSITE	165 U		A
Dalian Huaying Glass Limited Liability Co.	Liaoning, China	5260	COMP+CAN	285 U		A
Dallas Flat Glass	Carrollton, TX	4790	COMPOSITE	175 U		A
Deqing Sanxing Plastic Chemical Co. Ltd.	Huzhou, Zhejiang, China	4055	COMPOSITE	750 U		A
Dillmeier Enterprise, Inc.	Van Buren, AR	4838	COMPOSITE	175 U		A
EFCO Corporation	Monett, MO	4121	COMPOSITE	175 U		A
Engineered Glass Products, L.L.C.	Chicago, IL	4388	COMPOSITE	200	30x72	A
Flat Glass Distributors	Jacksonville, FL	3822	COMPOSITE	285 U		A
General Glass	Portland, OR	4031	COMPOSITE	195 U		A
Glass & Mirror Craft	Wixom, MI	4198	COMP+CAN	150 U		A
Glass Dynamics, Inc.	Stoneville, NC	2728	COMPOSITE	285 U		A
GlassFab Tempering Services, Inc. Mariani Ct.	Tracy, CA	5584	COMPOSITE	125 U		A
Glasswerks LA, Inc. East	South Gate, CA	4804	COMPOSITE	250 U		A
Glaz-Tech Industries, Inc.	Englewood, CO	2185	COMPOSITE	250 U		A
Glenny Glass Co.	Milford, OH	3841	COMPOSITE	200 U		A
Global Security Glazing	Selma, AL	4764	COMP+CAN	285 U		A
Guardian Fabrication Inc.	Webster, MA	300	COMPOSITE	100 U		A
Guardian IG LLC	Sun Prairie, WI	5640	COMP+CAN	600 U		A
Guardian Industries Corp.	Corsicana, TX	1248	COMP+CAN	175 U		A
Guardian Industries Corp.	Geneva, NY	2259	COMPOSITE	400 U		A
Guardian Industries Corp.	Galax, VA	4604	COMP+CAN	285 U		A
Guardian Industries Corp.	Carleton, MI	933	COMPOSITE	200 U		A
Guardian Industries Corp.	Richburg, SC	1630	COMPOSITE	285 U		A
Guardian Industries Corp.	DeWitt, IA	2020	COMPOSITE	500 U		A
Guardian Industries Corp.	Kingsburg, CA	968	COMP+CAN	125 U		A
Huachuang Longfei Glass Co., Ltd.	Hebei China	6041	COMPOSITE	250 U		A
Innovative Glass of America, Inc.	Dallas, NC	3859	COMPOSITE	165 U		A
Insulite Glass Co., Inc.	Olathe, KS	4473	COMPOSITE	150 U		A
Intex Glass (Xiamen) Co., Ltd.	Xiamen, Fujian, China	2572	COMP+CAN	200 U		A
Intigral	Walton Hills, OH	2050	COMP+CAN	200 U		A
Jiangyin Mingyang Glass Production	Jiangyin City, Jiangsu	5777	COMPOSITE	125 U		A
JYC Glass Co. Ltd.	Foshan, Guangdong, China	3957	COMP+CAN	125 U		A
Kawneer - (Cranberry) a division of Alcoa	Cranberry Township, PA	2488	COMPOSITE	100 U		A
Kohler Company	Union City, TN	1979	COMPOSITE	165 U		A
M Industria S.A. DE C.V.	Merida, Yucatan Mexico	5761	COMPOSITE	285 U		A

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>	<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
1/8 Inch Tempered Transparent Glass						
Maryland Glass & Mirror	Baltimore, MD	4318	COMPOSITE	100 U	A	
Midwest Glass Fabricators Inc.	Highland, MI	6027	COMP+CAN	200 U	A	
Multiver	Vanier, QC	2498	COMPOSITE	400 U	A	
Nashville Tempered Glass Corp.	Nashville, TN	1416	COMP+CAN	285 U	A	
New Angle Beveling	Clearfield, PA	5772	COMPOSITE	100 U	A	
New Angle Beveling	Hyde, PA	4593	COMPOSITE	100 U	A	
Oldcastle BuildingEnvelope®	Los Angeles, CA	1608	COMP+CAN	125 U	A	
Oldcastle BuildingEnvelope®	Grand Prairie, TX	3250	COMP+CAN	175 U	A	
Oldcastle BuildingEnvelope®	Langley, BC	3286	COMP+CAN	750 U	A	
Oldcastle BuildingEnvelope®	Tampa, FL	3116	COMP+CAN	285 U	A	
Oldcastle BuildingEnvelope®	Miami, FL	3496	COMP+CAN	285 U	A	
Oldcastle BuildingEnvelope®	Covington, GA	3329	COMP+CAN	165 U	A	
Oldcastle BuildingEnvelope®	Calgary, AB	3263	COMP+CAN	750 U	A	
Oldcastle BuildingEnvelope®	Fremont, CA	3191	COMP+CAN	125 U	A	
Oldcastle BuildingEnvelope®	Perrysburg, OH	3233	COMP+CAN	100 U	A	
Oldcastle BuildingEnvelope®	Vancouver, WA	3219	COMP+CAN	195 U	A	
Oldcastle BuildingEnvelope®	Shawnee, OK	3095	COMP+CAN	175 U	A	
Oldcastle BuildingEnvelope®	Phoenix, AZ	3128	COMP+CAN	125 U	A	
Oldcastle BuildingEnvelope®	Rock Hill, SC	3276	COMP+CAN	165 U	A	
Oldcastle BuildingEnvelope®	Albertville, MN	3104	COMP+CAN	150 U	A	
Oldcastle BuildingEnvelope®	Schofield, WI	3167	COMP+CAN	600 U	A	
Oldcastle BuildingEnvelope®	Denver, CO	3310	COMP+CAN	125 U	A	
Oldcastle BuildingEnvelope®	Indianapolis, IN	2210	COMP+CAN	150 U	A	
Oldcastle BuildingEnvelope®	Concord, ON	3439	COMP+CAN	100 U	A	
Oldcastle BuildingEnvelope®	Warrenton, MO	3144	COMP+CAN	500 U	A	
Oldcastle BuildingEnvelope®	Hauppauge, NY	1546	COMP+CAN	400 U	A	
Oldcastle BuildingEnvelope®	Moorestown, NJ	3180	COMP+CAN	100 U	A	
Oldcastle BuildingEnvelope®	Houston, TX	3156	COMP+CAN	175 U	A	
Oldcastle BuildingEnvelope®	Wright City, MO	3137	COMP+CAN	150 U	A	
Oldcastle BuildingEnvelope® Canada Inc.	Pointe-aux-Trembles, QC	1996	COMP+CAN	100 U	A	
Paragon Tempered Glass	Antwerp, OH	2684	COMPOSITE	500 U	A	
Perficom S.A. DE C.V.	San Juan Del Rio, Querétaro, Mexico	4512	COMPOSITE	175 U	A	
PFG Glass	Langley, BC	3538	COMP+CAN	750 U	A	
PGT Industries	Nokomis, FL	2389	COMPOSITE	285 U	A	
PPG Inds. Inc.	Barrie, ON	5207	COMP+CAN	800 U	A	
PPG Inds. Inc.	Carlisle, PA	250	COMP+CAN	400 U	A	
PPG Inds., Inc.	Wichita Falls, TX	1110	COMPOSITE	175 U	A	
Prelco Inc.	Riviere-du-loup, QC	2034	COMP+CAN	800 U	A	
Prelco Inc.	Saint-Jacques, NB	4911	COMP+CAN	800 U	A	
Produits Verrier International Inc.	Montreal, Quebec	5498	COMP+CAN	100 U	A	
Qingdao Jinjing Co., Ltd.	Qingdao City, Shandong China	5613	COMP+CAN	125 U	A	
Qinhuangdao Ampac Building Products Co., Ltd.	Qinhuangdao Hebei, China	5899	COMPOSITE	100 U	A	
Qinhuangdao Detai Tempered Glass Co., Ltd.	Qinhuangdao, Hebei, China	4156	COMPOSITE	100 U	A	
Qinhuangdao Jingxin Glass Co., Ltd.	Qinhuangdao City, Hebei Province	5280	COMPOSITE	100 U	A	
Qinhuangdao Kunping Safety Glass Co. Ltd.	Qinhuangdao, Hebei, China	3730	COMPOSITE	100 U	A	
Qinhuangdao Qicaishi Glass Processing Co., Ltd.	Qinhuangdao, Hebei, China	5141	COMPOSITE	100 U	A	
QinHuangDao Tianrui Tempered Technology Glass Co.	Qinhuangdao, Hebei, China	3690	COMPOSITE	100 U	A	

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>	<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
<i>1/8 Inch Tempered Transparent Glass</i>						
Quaker Window Products, Inc.	Freeburg, MO	2985	COMP+CAN		150 U	A
RF Supply, Inc.	Bradenton, FL	5859	COMPOSITE		285 U	A
Robover Inc.	Quebec City, QC	5199	COMP+CAN		450 U	A
SAAND London	London, ON Canada	3978	COMP+CAN		400 U	A
SAAND Ottawa	Stittsville, ON	4949	COMP+CAN		400 U	A
SAAND Rexdale	Rexdale, ON	4995	COMP+CAN		400 U	A
SAAND Toronto	Toronto, ON Canada	2481	COMP+CAN		400 U	A
SCHOTT Gemtron - Sweetwater	Sweetwater, TN	1334	COMP+CAN		285 U	A
SCHOTT Gemtron (Canada) Corporation	Midland, ON Canada	3067	COMP+CAN		100 U	A
SIGCO, Inc.	Westbrook, ME	2961	COMPOSITE		100 U	A
Simonton Windows	Ellenboro, WV	2887	COMPOSITE		100 U	A
Simonton Windows	Paris, IL	4979	COMPOSITE		150 U	A
Solar Seal Massachusetts	South Easton, MA	3001	COMPOSITE		800 U	A
Solar Seal Virginia	Stafford, VA	5721	COMPOSITE		100 U	A
Swift Glass Co., Inc.	Elmira Heights, NY	1555	COMPOSITE		400 U	A
Syracuse Glass Co., Inc.	Syracuse, NY	2654	COMP+CAN		400 U	A
Tai Shan City Da Heng Art Glass Ltd.	Tai Shan, Guangdong, China	3787	COMPOSITE		750 U	A
Tai Sheng (Dong Guan) Glass Co.,Ltd	Dongguan, Guangdong, China	6140	COMP+CAN		285 U	A
Techni-Glass, Inc.	Surgoinsville, TN	2547	COMP+CAN		285 U	A
Tecnoglass S.A.	Barranquilla, Colombia	2133	COMP+CAN		285 U	A
Tempco Glass	Flushing, NY	5009	COMPOSITE		400 U	A
Texas Tempered, a Trulite Glass and Aluminum Solutions Company	Houston, TX	4847	COMPOSITE		175 U	A
Thermal Seal Insulating Glass	Uxbridge, MA	5731	COMPOSITE		285 U	A
Thermo BSL	Riviere-du-loup, QC	4290	COMP+CAN		800 U	A
Thermoseal Industries, LLC	Gloucester City, NJ	4468	COMPOSITE		100 U	A
Thompson I.G. LLC.	Fenton, MI	5303	COMP+CAN		100 U	A
Tri-Star Glass, Inc.	Catoosa, OK	4004	COMPOSITE		175 U	A
Triton Glass LLC	Albemarle, NC	5690	COMPOSITE		165 U	A
Trulite Glass and Aluminum Solutions	Cheswick, PA	1784	COMPOSITE		100 U	A
Trulite Glass and Aluminum Solutions	Fort Worth, TX	5396	COMPOSITE		175 U	A
Trulite Glass and Aluminum Solutions	San Antonio, TX	3645	COMPOSITE		175 U	A
Trulite Glass and Aluminum Solutions	Knoxville, TN	4209	COMPOSITE		285 U	A
Trulite Glass and Aluminum Solutions	New Berlin, WI	5876	COMPOSITE		150 U	A
Trulite Glass and Aluminum Solutions	Lithia Springs, GA	6101	COMP+CAN		165 U	A
Trulite Glass and Aluminum Solutions	Indianapolis, IN	4749	COMPOSITE		200 U	A
Trulite Glass and Aluminum Solutions	Youngsville, NC	5272	COMPOSITE		165 U	A
Trulite Glass and Aluminum Solutions	City of Industry, CA	4182	COMPOSITE		250 U	A
Trulite Glass and Aluminum Solutions	Aurora, CO	5341	COMPOSITE		175 U	A
Trulite Glass and Aluminum Solutions	Sacramento, CA	5807	COMPOSITE	IN	125 U	A
Trulite Glass and Aluminum Solutions	Houston, TX	5432	COMP+CAN		175 U	A
Trulite Glass and Aluminum Solutions	Phoenix, AZ	5700	COMPOSITE		250 U	A
Trulite Glass and Aluminum Solutions	Tulsa, OK	5687	COMPOSITE		175 U	A
Trulite Glass and Aluminum Solutions	Las Vegas, NV	4210	COMPOSITE		250 U	A
Trulite Glass and Aluminum Solutions	Fremont, CA	5792	COMPOSITE		125 U	A
Trulite Glass and Aluminum Solutions	Orlando, FL	5183	COMPOSITE		285 U	A
Trulite Glass and Aluminum Solutions	Columbus, OH	4745	COMPOSITE		200 U	A
Trulite Glass and Aluminum Solutions	Grenada, MS	2787	COMPOSITE		500 U	A
Trulite Glass and Aluminum Solutions	Fresno, CA	5820	COMPOSITE		125 U	A
Tweddells Inc.	Santa Ana, CA	5384	COMP+CAN		250 U	A
U.S. Glass Distributors Inc.	Enfield, CT	5921	COMP+CAN		400 U	A
United Plate Glass Co., Inc.	Butler, PA	2467	COMPOSITE		800 U	A

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>	<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
<i>1/8 Inch Tempered Transparent Glass</i>						
United Plate Glass Company of Charlotte	Lincolnton, NC	3948	COMP+CAN	165 U	A	
Unitex Glass Chengdu Co., Ltd	Chendu, Sichuan, China	5462	COMPOSITE	200 U	A	
Upstate Glass Tempering Inc.	Middletown, NY	4926	COMPOSITE	400 U	A	
View Inc.	Olive Branch, MS	4725	COMPOSITE	175 U	A	
Viwinco, Inc.	Morgantown, PA	3074	COMPOSITE	100 U	A	
W. A. Wilson Inc.	Wheeling, WV	4169	COMPOSITE	200 U	A	
Whalley Glass Co	Derby, CT	6226	COMPOSITE	100 U	A	
Wisconsin Shower Door & Supply Corp	Menomonee Falls, WI	5585	COMPOSITE	600 U	A	
Wolverine Glass Products, Inc.	Grand Rapids, MI	5425	COMP+CAN	200 U	A	
Zhangjiagang Weiyu Fabricated Glass Co. Ltd.	Zhangjiagang, Jiangsu, China	5737	COMPOSITE	250 U	A	
<i>5/32 Inch Tempered Transparent Glass</i>						
AGC Flat Glass North America	Spring Hill, KS	1703	COMP+CAN	500 U	A	
AGC Flat Glass North America	Greenland, TN	955	COMP+CAN	285 U	A	
AGC/Poma Glass Co. N.A.	Boardman, OH	5472	COMP+CAN	800 U	A	
AGC-Poma Glass Co. N.A.	Quakertown, PA	3421	COMPOSITE	100 U	A	
Aldora Aluminum and Glass Products Inc.	Charleston, SC	4329	COMPOSITE	285 U	A	
All Glass (Suqian) Limited	Suqian City, Jiangsu	6016	COMPOSITE	125 U	A	
All Team Glass & Mirror, Ltd.	Woodbridge, ON Canada	1754	COMPOSITE	450 U	A	
Allglass Tempering Inc.	Schiller Park, IL	5835	COMPOSITE	600 U	A	
Amsco Windows	Salt Lake City, UT	4643	COMPOSITE	750 U	A	
Anthony International	Madison, GA	3027	COMPOSITE	165 U	A	
Anthony International	San Fernando, CA	2289	COMPOSITE	250 U	A	
Ascent Glass Products (Zhong Shan) Limited	Zhongshan City, Guangdong Province	5865	COMPOSITE	285 U	A	
ATI Windows	Riverside, CA	5636	COMPOSITE	250 U	A	
Beijing Wuhua Tianbao Glass Co.	Beijing, China	5558	COMPOSITE	125 U	A	
Bronco Industries, Inc.	Delta, BC	5871	COMP+CAN	195 U	A	
Cardinal CG	Galt, CA	2358	COMPOSITE	125 U	A	
Cardinal CG	Tumwater, WA	2008	COMP+CAN	195 U	A	
Cardinal CG	Spring Green, WI	2068	COMP+CAN	600 U	A	
Cardinal CG	Northfield, MN	1986	COMP+CAN	150 U	A	
Cardinal CG	Loveland, CO	3580	COMPOSITE	500 U	A	
Cardinal CG	Waxahachie, TX	2700	COMP+CAN	175 U	A	
Cardinal CG	Moreno Valley, CA	2294	COMP+CAN	250 U	A	
Cardinal CG	Mazomanie, WI	4781	COMP+CAN	150 U	A	
Cardinal CG	Buford, GA	1922	COMP+CAN	165 U	A	
Cardinal CT	Adel, GA	5096	COMPOSITE	165 U	A	
Cardinal CT	Mount Airy, NC	4579	COMP+CAN	165 U	A	
Cardinal CT	Easton, PA	4757	COMP+CAN	100 U	A	
Cardinal CT	Utica, OH	4621	COMP+CAN	100 U	A	
Cardinal CT	Los Angeles, CA	5086	COMP+CAN	250 U	A	
Cardinal CT - S	Irving TX	5102	COMPOSITE	175 U	A	
Cardinal CT - W	Irving TX	5246	COMPOSITE	175 U	A	
Cardinal FG	Durant, OK	2910	COMP+CAN	175 U	A	
Cardinal IG	Tomah, WI	2318	COMP+CAN	600 U	A	
Cardinal IG	Waxahachie, TX	2329	COMP+CAN	175 U	A	
Cardinal IG	Vinton, VA	2920	COMP+CAN	100 U	A	
Cardinal IG	Mountain Top, PA	3069	COMP+CAN	100 U	A	
Cardinal IG	Greenfield, IA	1828	COMP+CAN	500 U	A	

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>	<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
<i>5/32 Inch Tempered Transparent Glass</i>						
Cardinal IG	Fremont, IN	2177	COMP+CAN		150 U	A
Cardinal IG	Fargo, ND	2234	COMP+CAN		150 U	A
Cardinal IG	Hood River, OR	2858	COMP+CAN		195 U	A
Cardinal IG	Casa Grande, AZ	2879	COMP+CAN		250 U	A
Cardinal IG	Spring Green, WI	5910	COMP+CAN		150 U	A
Cardinal IG	Ocala, FL	3506	COMPOSITE		285 U	A
Cardinal Tempering	Louisville, KY	3871	COMPOSITE		175 U	A
Cardinal TG	Chehalis, WA	3456	COMP+CAN		750 U	A
Cardinal TG	Tomah, WI	1805	COMP+CAN		600 U	A
Cat-I Manufacturing, Inc.	South Elgin, IL	5755	COMP+CAN		500 24x36	A
Changshu Hard Glass Co., Ltd.	Changshu, Jiangsu, China	2987	COMPOSITE		125 U	A
Changshu Weier Glass Products Co. Ltd.	Changshu, Jiangsu, China	5352	COMPOSITE		195 U	A
Chicago Tempered Glass, Inc.	Chicago, IL	3086	COMPOSITE		200 U	A
Cleer Vision Tempered Glass	Elkhart, IN	4547	COMP+CAN		200 U	A
Consolidated Glass Corp.	New Castle, PA	1999	COMP+CAN		285 U	A
Contour Industries, Inc.	Surgoinsville, TN	4285	COMP+CAN		285 U	A
Contract Glass	Billerica, MA	4971	COMPOSITE		100 U	A
Contractors Wardrobe	Valencia, CA	3465	COMP+CAN		250 U	A
Custom Glass Solutions Millbury Corp.	Millbury, OH	1575	COMPOSITE		200 U	A
DDG Glass Manufacturing SDN BHD	Johor, Malaysia	5621	COMP+CAN		125 U	A
Deqing Sanxing Plastic Chemical Co. Ltd.	Huzhou, Zhejiang, China	4056	COMPOSITE		750 U	A
Diamond Sea Glaze	Langley, BC Canada	4499	COMPOSITE		750 U	A
Dongguan CSG Architectural Glass Co., Ltd.	Dongguan, Guangdong, China	3932	COMP+CAN		125 U	A
Dongguan Trillion Aluminum Glass Co., Ltd	Dongguan, Guangdong, China	5861	COMPOSITE		285 U	A
EFI	Kernersville, NC	5014	COMP+CAN		165 U	A
Engineered Glass Products, L.L.C.	Chicago, IL	2589	COMPOSITE		200 30x72	A
Fairis C.A.	Ambato, Tungurahua, Ecuador	4425	COMPOSITE		285 U	A
Foshan Nanhai Gangsheng Tempered Glass Factory	Foshan, Guangdong, China	4673	COMP+CAN	(IN)	125 U	A
Fujian Xihe Sanitary Ware Technology Co., Ltd	Nan'an Fujian China	5216	COMPOSITE		285 U	A
General Glass	Portland, OR	4032	COMPOSITE		195 U	A
GGI Glass Distributors Corp.	Secaucus, NJ	2928	COMPOSITE	(IN)	100 U	A
Glass & Mirror Craft	Wixom, MI	5116	COMP+CAN		150 U	A
Glasswerks LA, Inc. East	South Gate, CA	5882	COMPOSITE		250 U	A
Glasswerks LA, Inc. West	South Gate CA	5480	COMPOSITE		250 U	A
Goldray Industries Ltd.	Calgary, AB Canada	2445	COMP+CAN		195 U	A
Guardian Fabrication Inc.	Webster, MA	1607	COMPOSITE		100 U	A
Guardian IG LLC	Sun Prairie, WI	5641	COMP+CAN		600 U	A
Guardian Industries Corp.	Kingsburg, CA	969	COMP+CAN		125 U	A
Guardian Industries Corp.	Richburg, SC	1631	COMPOSITE		285 U	A
Guardian Industries Corp.	Carleton, MI	934	COMPOSITE		200 U	A
Guardian Industries Corp.	Geneva, NY	2260	COMPOSITE		400 U	A
Guardian Industries Corp.	Galax, VA	4605	COMP+CAN		285 U	A
Guardian Industries Corp.	Corsicana, TX	1249	COMP+CAN		175 U	A
Guardian Industries Corp.	DeWitt, IA	2021	COMPOSITE		500 U	A
Huahui Glass (China) Co., LD	Quanzhou City, China	5843	COMPOSITE		285 U	A
Innovative Glass of America, Inc.	Dallas, NC	3860	COMPOSITE		165 U	A
Insulite Glass Co., Inc.	Olathe, KS	4474	COMPOSITE		150 U	A
Integral Seal Mfg. Inc.	Concord, ON Canada	4682	COMP+CAN		100 U	A

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>	<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
5/32 Inch Tempered Transparent Glass						
Intex Glass (Xiamen) Co., Ltd.	Xiamen, Fujian, China	2573	COMP+CAN		200 U	A
Intigral	Walton Hills, OH	2051	COMP+CAN		200 U	A
Intus Windows LLC	Fairfax, VA	6200	COMPOSITE		100 U	A
Jiangmen SYP Engineering Glass	Jiangmen, Guangdong, China	4303	COMP+CAN		125 U	A
Jiangyin Mingyang Glass Production	Jiangyin City, Jiangsu	5778	COMPOSITE		125 U	A
Jiaxing Joinbath Corporation	Jiaxing, Zhejiang, China	5708	COMPOSITE		125 U	A
JYC Glass Co. Ltd.	Foshan, Guangdong, China	3958	COMP+CAN		125 U	A
Kohler Company	Union City, TN	1980	COMPOSITE		165 U	A
Midwest Glass Fabricators Inc.	Highland, MI	6028	COMP+CAN		200 U	A
Multiver	Vanier, QC	2629	COMPOSITE		400 U	A
Nashville Tempered Glass Corp.	Nashville, TN	2497	COMP+CAN		285 U	A
Nashville Tempered Glass LLC	Hendersonville, TN	2691	COMP+CAN		285 U	A
Ningbo XinShuGuang Safety Glass Limited Co., Ltd.	Ningbo, China	5760	COMPOSITE		100 U	A
Oldcastle BuildingEnvelope®	Rock Hill, SC	3462	COMP+CAN		165 U	A
Oldcastle BuildingEnvelope®	Grand Prairie, TX	3251	COMP+CAN		175 U	A
Oldcastle BuildingEnvelope®	Calgary, AB	3264	COMP+CAN		750 U	A
Oldcastle BuildingEnvelope®	Los Angeles, CA	1609	COMP+CAN		125 U	A
Oldcastle BuildingEnvelope®	Vancouver, WA	3220	COMP+CAN		195 U	A
Oldcastle BuildingEnvelope®	Shawnee, OK	3096	COMP+CAN		175 U	A
Oldcastle BuildingEnvelope®	Denver, CO	3311	COMP+CAN		125 U	A
Oldcastle BuildingEnvelope®	Perrysburg, OH	3234	COMP+CAN		100 U	A
Oldcastle BuildingEnvelope®	Covington, GA	3330	COMP+CAN		165 U	A
Oldcastle BuildingEnvelope®	Fremont, CA	3192	COMP+CAN		125 U	A
Oldcastle BuildingEnvelope®	Indianapolis, IN	2216	COMP+CAN		150 U	A
Oldcastle BuildingEnvelope®	Warrenton, MO	3145	COMP+CAN		500 U	A
Oldcastle BuildingEnvelope®	Langley, BC	3287	COMP+CAN		750 U	A
Oldcastle BuildingEnvelope®	Concord, ON	3440	COMP+CAN		100 U	A
Oldcastle BuildingEnvelope®	Schofield, WI	3168	COMP+CAN		600 U	A
Oldcastle BuildingEnvelope®	Moorestown, NJ	3181	COMP+CAN		100 U	A
Oldcastle BuildingEnvelope®	Houston, TX	3157	COMP+CAN		175 U	A
Oldcastle BuildingEnvelope®	Albertville, MN	3105	COMP+CAN		150 U	A
Oldcastle BuildingEnvelope®	Wright City, MO	3138	COMP+CAN		150 U	A
Oldcastle BuildingEnvelope® Canada Inc.	Pointe-aux-Trembles, QC	4247	COMP+CAN		100 U	A
Paragon Tempered Glass	Antwerp, OH	2685	COMPOSITE		500 U	A
Patio Enclosures	Macedonia, OH	2057	COMPOSITE		200 U	A
PFG Glass	Langley, BC	3539	COMP+CAN		750 U	A
PG Building Glass Processing	Cape Town, South Africa	4887	COMPOSITE		100 16x30	A
PPG Inds. Inc.	Carlisle, PA	675	COMP+CAN		400 U	A
PPG Inds. Inc.	Barrie, ON	5204	COMP+CAN		800 U	A
PPG Inds., Inc.	Wichita Falls, TX	1111	COMPOSITE		175 U	A
Prelco Inc.	Saint-Jacques, NB	4912	COMP+CAN		800 U	A
Prelco Inc.	Riviere-du-loup, QC	2035	COMP+CAN		800 U	A
PRESS GLASS SA	Tychy, Poland	5852	COMP+CAN		800 U	A
PRESS GLASS SA	Radomsko, Poland	5845	COMP+CAN		800 U	A
Produits Verrier International Inc.	Montreal, Quebec	5499	COMP+CAN		100 U	A
PT Abebersa Pratama	Bekasi, Indonesia	3905	COMPOSITE		125 U	A
Qingdao Jinjing Co., Ltd.	Qingdao City, Shandong China	5617	COMP+CAN		125 U	A
Qinhuangdao Ampac Building Products Co., Ltd.	Qinhuangdao Hebei, China	5900	COMPOSITE		100 U	A
Quaker Window Products, Inc.	Freeburg, MO	5297	COMP+CAN		150 U	A
Rizhao Huaye Glass Co., Ltd.	Rizhao, Shandong	5566	COMP+CAN		285 U	A

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>	<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
<i>5/32 Inch Tempered Transparent Glass</i>						
Robover Inc.	Quebec City, QC	5200	COMP+CAN		450 U	A
SAAND London	London, ON Canada	4278	COMP+CAN		400 U	A
SAAND Ottawa	Stittsville, ON	4950	COMP+CAN		400 U	A
SAAND Rexdale	Rexdale, ON	4996	COMP+CAN		400 U	A
SAAND Toronto	Toronto, ON Canada	2482	COMP+CAN		400 U	A
SCHOTT Gemtron - Sweetwater	Sweetwater, TN	1332	COMP+CAN		285 U	A
SCHOTT Gemtron (Canada) Corporation	Midland, ON Canada	3659	COMP+CAN		100 U	A
Shanghai SYP Engineering Glass	Shanghai, China	4067	COMP+CAN		125 U	A
SIGCO, Inc.	Westbrook, ME	2962	COMPOSITE		100 U	A
Solar Seal Virginia	Stafford, VA	5722	COMPOSITE		100 U	A
Tai Shan City Da Heng Art Glass Ltd.	Tai Shan, Guangdong, China	3788	COMPOSITE		750 U	A
Tai Sheng (Dong Guan) Glass Co.,Ltd	Dongguan, Guangdong, China	4870	COMP+CAN		285 U	A
Taiwan Glass Industry Corp.	Taipei, Taiwan, China	3886	COMP+CAN		750 U	A
Techni-Glass, Inc.	Surgoinsville, TN	2548	COMP+CAN		285 U	A
Tecnoglass S.A.	Barranquilla, Colombia	2287	COMP+CAN		285 U	A
Thermal Seal Insulating Glass	Uxbridge, MA	5732	COMPOSITE		285 U	A
Thermo BSL	Riviere-du-loup, QC	4291	COMP+CAN		800 U	A
Tianjin CSG Energy Conservation Glass Co., Ltd	Tianjin, China	4021	COMPOSITE		100 U	A
Tri-Star Glass, Inc.	Catoosa, OK	4005	COMPOSITE		175 U	A
Triview Glass Industries	City of Industry, CA	5039	COMP+CAN		250 U	A
Trulite Glass and Aluminum Solutions	Vaughan, ON	5507	COMP+CAN		450 U	A
Trulite Glass and Aluminum Solutions	Indianapolis, IN	4752	COMPOSITE		200 U	A
Trulite Glass and Aluminum Solutions	Aurora, CO	5348	COMPOSITE		175 U	A
Trulite Glass and Aluminum Solutions	Fremont, CA	5793	COMPOSITE		125 U	A
Trulite Glass and Aluminum Solutions	Sacramento, CA	5808	COMPOSITE	IN	125 U	A
Trulite Glass and Aluminum Solutions	Youngsville, NC	5517	COMPOSITE		165 U	A
Trulite Glass and Aluminum Solutions	Fresno, CA	5821	COMPOSITE		125 U	A
Trulite Glass and Aluminum Solutions	Knoxville, TN	4827	COMPOSITE		285 U	A
Trulite Glass and Aluminum Solutions	Tulsa, OK	5443	COMPOSITE		175 U	A
Trulite Glass and Aluminum Solutions	City of Industry, CA	4183	COMPOSITE		250 U	A
Trulite Glass and Aluminum Solutions	Fort Worth, TX	5397	COMPOSITE		175 U	A
Trulite Glass and Aluminum Solutions	San Antonio, TX	3646	COMPOSITE		175 U	A
Trulite Glass and Aluminum Solutions	Phoenix, AZ	5701	COMPOSITE		250 U	A
Trulite Glass and Aluminum Solutions	New Berlin, WI	5317	COMPOSITE		150 U	A
United Plate Glass Company of Charlotte	Lincolnton, NC	4197	COMPOSITE		165 U	A
Unitex Glass Chengdu Co., Ltd	Chendu, Sichuan, China	5463	COMPOSITE		200 U	A
Valentini Glass & Components srl	Brescia, Italy	2423	COMPOSITE		400 U	A
View Inc.	Olive Branch, MS	4726	COMPOSITE		175 U	A
Viracon Inc.	Owatonna, MN	4354	COMP+CAN		150 U	A
Vitra Vidrios Transformados SA de CV	Cortes, Honduras	5037	COMPOSITE		285 U	A
Wolverine Glass Products, Inc.	Grand Rapids, MI	5426	COMP+CAN		200 U	A
Xianning CSG Energy Conservation Glass Co., LTD.	Xianning, Hubei	5978	COMPOSITE		125 U	A
Yao Xiang Glass Product Co. Ltd.	Foshan, Guangdong, China	3736	COMP+CAN		285 U	A
Zhangjiagang Weiyu Fabricated Glass Co. Ltd.	Zhangjiagang, Jiangsu, China	5738	COMPOSITE		250 U	A
<i>3/16 Inch Tempered Transparent Glass</i>						
AGC Flat Glass North America	Greenland, TN	220	COMP+CAN		285 U	A
AGC Flat Glass North America	Spring Hill, KS	1704	COMP+CAN		500 U	A
AGC/Poma Glass Co. N.A.	Boardman, OH	5473	COMP+CAN		800 U	A

Certified Products-By Product Type

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3/16 Inch Tempered Transparent Glass						
AGC-Poma Glass Co. N.A.	Quakertown, PA	2509	COMPOSITE		100 U	A
Al Abbar Architectural Glass	Dubai, United Arab Emirates	4846	COMPOSITE		100 U	A
Aldora Aluminum and Glass Products Inc.	Charleston, SC	4330	COMPOSITE		285 U	A
Aldora Aluminum and Glass Products, Inc.	Miramar, FL	4716	COMPOSITE		285 U	A
Aldora Aluminum and Glass Products, Inc.	Orlando, FL	5575	COMPOSITE		285 U	A
All Team Glass & Mirror, Ltd.	Woodbridge, ON Canada	1755	COMPOSITE		450 U	A
Allglass Tempering Inc.	Schiller Park, IL	5836	COMPOSITE		600 U	A
American Insulated Glass Inc.	Conley, GA	5284	COMPOSITE		165 U	A
American Shower Door	Los Angeles, CA	4616	COMPOSITE		250 U	A
Amsco Windows	Salt Lake City, UT	2580	COMPOSITE		750 U	A
Anthony International	Madison, GA	2352	COMPOSITE		165 U	A
Anthony International	San Fernando, CA	999	COMPOSITE		250 U	A
Architectural Glass Products, LLC.	St. Louis, MO	4572	COMPOSITE		100 U	A
Arlene Stained Glass & Door	Houston, TX	3583	COMPOSITE		175 U	A
Ascent Glass Products (Zhong Shan) Limited	Zhongshan City, Guangdong Province	5866	COMPOSITE		285 U	A
ATI Windows	Riverside, CA	5637	COMPOSITE		250 U	A
ATN Holding Inc.	Mira Loma, CA	5888	COMPOSITE		250 U	A
Basco Engineered Products	Hamilton, OH	4724	COMPOSITE		200 U	A
Beijing Wuhua Tianbao Glass Co.	Beijing, China	5559	COMPOSITE		125 U	A
Blue Star Glass Inc.	North Brunswick, NJ	4518	COMPOSITE		100 U	A
Bronco Industries, Inc.	Delta, BC	5872	COMP+CAN		195 U	A
Cameron Glass, Inc.	Broken Arrow, OK	2501	COMPOSITE		500 U	A
Cardinal CG	Galt, CA	2359	COMPOSITE		125 U	A
Cardinal CG	Spring Green, WI	2069	COMP+CAN		600 U	A
Cardinal CG	Mazomanie, WI	5306	COMP+CAN		150 U	A
Cardinal CG	Loveland, CO	3581	COMPOSITE		500 U	A
Cardinal CG	Northfield, MN	1987	COMP+CAN		150 U	A
Cardinal CG	Moreno Valley, CA	2295	COMP+CAN		250 U	A
Cardinal CG	Buford, GA	1923	COMP+CAN		165 U	A
Cardinal CG	Tumwater, WA	2009	COMP+CAN		195 U	A
Cardinal CG	Waxahachie, TX	2701	COMP+CAN		175 U	A
Cardinal CT	Easton, PA	4758	COMP+CAN		100 U	A
Cardinal CT	Utica, OH	4622	COMP+CAN		100 U	A
Cardinal CT	Adel, GA	5097	COMPOSITE		165 U	A
Cardinal CT	Los Angeles, CA	5087	COMP+CAN		250 U	A
Cardinal CT	Mount Airy, NC	4580	COMP+CAN		165 U	A
Cardinal CT - S	Irving TX	5103	COMPOSITE		175 U	A
Cardinal CT - W	Irving TX	5247	COMPOSITE		175 U	A
Cardinal FG	Durant, OK	2911	COMP+CAN		175 U	A
Cardinal IG	Vinton, VA	2921	COMP+CAN		100 U	A
Cardinal IG	Mountain Top, PA	3070	COMP+CAN		100 U	A
Cardinal IG	Casa Grande, AZ	2880	COMP+CAN		250 U	A
Cardinal IG	Greenfield, IA	1829	COMP+CAN		500 U	A
Cardinal IG	Waxahachie, TX	2330	COMP+CAN		175 U	A
Cardinal IG	Fargo, ND	2233	COMP+CAN		150 U	A
Cardinal IG	Hood River, OR	2833	COMP+CAN		195 U	A
Cardinal IG	Fremont, IN	2178	COMP+CAN		150 U	A
Cardinal IG	Tomah, WI	2319	COMP+CAN		600 U	A
Cardinal IG	Spring Green, WI	5911	COMP+CAN		150 U	A

Certified Products-By Product Type

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<i>3/16 Inch Tempered Transparent Glass</i>						
Cardinal IG	Ocala, FL	3507	COMPOSITE		285 U	A
Cardinal LG	Amery, WI	5193	COMP+CAN		150 U	A
Cardinal Tempering	Louisville, KY	3872	COMPOSITE		175 U	A
Cardinal TG	Tomah, WI	1806	COMP+CAN		600 U	A
Cardinal TG	Chehalis, WA	3458	COMP+CAN		750 U	A
Changshu Hard Glass Co., Ltd.	Changshu, Jiangsu, China	2988	COMPOSITE		125 U	A
Changshu Weier Glass Products Co. Ltd.	Changshu, Jiangsu, China	5353	COMPOSITE		195 U	A
Chicago Tempered Glass, Inc.	Chicago, IL	3087	COMPOSITE		200 U	A
ClearEdge Glass	Baton Rouge, LA	5310	COMPOSITE		175 U	A
Commercial Insulating Glass Co.	Sarasota, FL	1890	COMPOSITE		285 30x76	A
Commercial Insulating Glass Co.	Cumberland City, TN	3807	COMPOSITE		165 U	A
Consolidated Glass Corp.	New Castle, PA	2005	COMP+CAN		285 U	A
Contour Industries, Inc.	Surgoinsville, TN	1678	COMP+CAN		285 U	A
Contract Glass	Billerica, MA	4972	COMPOSITE		100 U	A
Contractors Wardrobe	Valencia, CA	3466	COMP+CAN		250 U	A
Coral Industries Glass Division	Tuscaloosa, AL	1910	COMPOSITE		165 U	A
Custom Glass Solutions Millbury Corp.	Millbury, OH	1576	COMPOSITE		200 U	A
Dalian Huaying Glass Limited Liability Co.	Liaoning, China	5261	COMP+CAN		285 U	A
Dallas Flat Glass	Carrollton, TX	4763	COMPOSITE		175 U	A
DDG Glass Manufacturing SDN BHD	Johor, Malaysia	5622	COMP+CAN		125 U	A
Denver Glass Interiors, Inc.	Englewood, CO	3865	COMPOSITE		175 U	A
Deqing Sanxing Plastic Chemical Co. Ltd.	Huzhou, Zhejiang, China	4057	COMPOSITE		750 U	A
Diamond Sea Glaze	Langley, BC Canada	4500	COMPOSITE		750 U	A
Dillmeier Enterprise, Inc.	Van Buren, AR	3912	COMPOSITE		175 U	A
Dongguan CSG Architectural Glass Co., Ltd.	Dongguan, Guangdong, China	3933	COMP+CAN		125 U	A
Downey Glass Industries, LLC	Pompano Beach, FL	2661	COMPOSITE		285 U	A
EFCO Corporation	Monett, MO	1901	COMPOSITE		175 U	A
EFI	Kernersville, NC	5208	COMP+CAN		165 U	A
Engineered Glass Products, L.L.C.	Chicago, IL	2590	COMPOSITE		200 30x72	A
Fairis C.A.	Ambato, Tungurahua, Ecuador	4426	COMPOSITE		285 U	A
Flat Glass Distributors	Jacksonville, FL	3823	COMPOSITE		285 U	A
Flat Glass Group Co., Ltd.	Jiaxing, Zhejiang	5521	COMPOSITE		125 U	A
Foshan Nanhai Gangsheng Tempered Glass Factory	Foshan, Guangdong, China	4669	COMP+CAN	(IN)	125 U	A
Foshan NanHai ZhongKang YiMeiJia Glass Co. Ltd.	Foshan, Guangdong, China	5388	COMPOSITE		285 U	A
Fujian Xihe Sanitary Ware Technology Co., Ltd	Nan'an Fujian China	5090	COMPOSITE		285 U	A
Garibaldi Glass Ind. Inc.	Burnaby, BC	5124	COMP+CAN		750 U	A
General Glass	Portland, OR	4033	COMPOSITE		195 U	A
GGI Glass Distributors Corp.	Secaucus, NJ	2226	COMPOSITE		100 U	A
Glass & Mirror Craft	Wixom, MI	4199	COMP+CAN		150 U	A
Glass Dynamics, Inc.	Stoneville, NC	2730	COMPOSITE		285 U	A
Glass Enterprises, Inc.	Bensalem, PA	4628	COMPOSITE		100 U	A
GlassFab Tempering Services Inc. Holly Drive	Tracy, CA	5986	COMPOSITE		125 U	A
GlassFab Tempering Services, Inc. Mariani Ct.	Tracy, CA	4889	COMPOSITE		125 U	A
Glasswerks LA, Inc.	Temecula, CA	6095	COMP+CAN		250 U	A
Glasswerks LA, Inc. East	South Gate, CA	4805	COMPOSITE		250 U	A
Glasswerks LA, Inc. West	South Gate CA	5481	COMPOSITE		250 U	A

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3/16 Inch Tempered Transparent Glass						
Glaz-Tech Industries, Inc.	Englewood, CO	2186	COMPOSITE		250 U	A
Glenny Glass Co.	Milford, OH	3843	COMPOSITE		200 U	A
Global Security Glazing	Selma, AL	4765	COMP+CAN		285 U	A
Goldray Industries Ltd.	Calgary, AB Canada	2446	COMP+CAN		195 U	A
GroupeVFG, a Trulite Glass and Aluminum Solutions Company	Bois-des-Filion, Quebec	6061	COMP+CAN		450 U	A
Guardian Fabrication Inc.	Webster, MA	1216	COMPOSITE		100 U	A
Guardian IG LLC	Sun Prairie, WI	5642	COMP+CAN		600 U	A
Guardian Industries Corp.	Carleton, MI	631	COMPOSITE		200 U	A
Guardian Industries Corp.	Corsicana, TX	1250	COMP+CAN		175 U	A
Guardian Industries Corp.	Geneva, NY	2261	COMPOSITE		400 U	A
Guardian Industries Corp.	DeWitt, IA	2022	COMPOSITE		500 U	A
Guardian Industries Corp.	Galax, VA	4606	COMP+CAN		285 U	A
Guardian Industries Corp.	Kingsburg, CA	970	COMP+CAN		125 U	A
Guardian Industries Corp.	Richburg, SC	1632	COMPOSITE		285 U	A
Industrial Tempering Glass	Brooklyn, NY	5564	COMPOSITE		100 U	A
Innovative Glass of America, Inc.	Dallas, NC	3861	COMPOSITE		165 U	A
Insulite Glass Co., Inc.	Olathe, KS	3714	COMPOSITE		150 U	A
Integral Seal Mfg. Inc.	Concord, ON Canada	4683	COMP+CAN		100 U	A
Interglass Corp	Miami, FL	5032	COMPOSITE		285 U	A
Intex Glass (Xiamen) Co., Ltd.	Xiamen, Fujian, China	2574	COMP+CAN		200 U	A
Intigral	Walton Hills, OH	2052	COMP+CAN		200 U	A
Jiangmen SYP Engineering Glass	Jiangmen, Guangdong, China	4304	COMP+CAN		125 U	A
JM Glass	Hayward, CA	4928	COMPOSITE		125 U	A
JYC Glass Co. Ltd.	Foshan, Guangdong, China	3959	COMP+CAN		125 U	A
Kawneer - (Cranberry) a division of Alcoa	Cranberry Township, PA	2489	COMPOSITE		100 U	A
Kohler Company	Union City, TN	1981	COMPOSITE		165 U	A
M Industria S.A. DE C.V.	Merida, Yucatan Mexico	6146	COMPOSITE		285 U	A
Maryland Glass & Mirror	Baltimore, MD	4319	COMPOSITE		100 U	A
McGrory Glass	Paulsboro, NJ	4925	COMPOSITE		100 U	A
Midwest Glass Fabricators Inc.	Highland, MI	6029	COMP+CAN		200 U	A
Multiver	Vanier, QC	4524	COMPOSITE		400 U	A
Nashville Tempered Glass Corp.	Nashville, TN	1467	COMP+CAN		285 U	A
Nashville Tempered Glass LLC	Hendersonville, TN	2692	COMP+CAN		285 U	A
New Angle Beveling	Hyde, PA	4594	COMPOSITE		100 U	A
New Angle Beveling	Clearfield, PA	5774	COMPOSITE		100 U	A
New Century Glass & Aluminum LLC	Woodside, NY	5455	COMPOSITE		400 U	A
NY Tempering LLC	Maspeth, NY	4900	COMPOSITE		800 U	A
Oldcastle BuildingEnvelope®	Houston, TX	3158	COMP+CAN		175 U	A
Oldcastle BuildingEnvelope®	Wright City, MO	3139	COMP+CAN		150 U	A
Oldcastle BuildingEnvelope®	Denver, CO	3312	COMP+CAN		125 U	A
Oldcastle BuildingEnvelope®	Vancouver, WA	3221	COMP+CAN		195 U	A
Oldcastle BuildingEnvelope®	Los Angeles, CA	630	COMP+CAN		125 U	A
Oldcastle BuildingEnvelope®	Miami, FL	3497	COMP+CAN		285 U	A
Oldcastle BuildingEnvelope®	Grand Prairie, TX	3252	COMP+CAN		175 U	A
Oldcastle BuildingEnvelope®	Fremont, CA	3193	COMP+CAN		125 U	A
Oldcastle BuildingEnvelope®	Concord, ON	3441	COMP+CAN		100 U	A
Oldcastle BuildingEnvelope®	Covington, GA	3331	COMP+CAN		165 U	A
Oldcastle BuildingEnvelope®	Schofield, WI	3169	COMP+CAN		600 U	A
Oldcastle BuildingEnvelope®	Moorestown, NJ	3182	COMP+CAN		100 U	A
Oldcastle BuildingEnvelope®	Indianapolis, IN	2211	COMP+CAN		150 U	A
Oldcastle BuildingEnvelope®	Perrysburg, OH	3235	COMP+CAN		100 U	A

Certified Products-By Product Type

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3/16 Inch Tempered Transparent Glass						
Oldcastle BuildingEnvelope®	Albertville, MN	3106	COMP+CAN		150 U	A
Oldcastle BuildingEnvelope®	Langley, BC	3288	COMP+CAN		750 U	A
Oldcastle BuildingEnvelope®	Hauppauge, NY	1547	COMP+CAN		400 U	A
Oldcastle BuildingEnvelope®	Tampa, FL	3118	COMP+CAN		285 U	A
Oldcastle BuildingEnvelope®	Rock Hill, SC	3277	COMP+CAN		165 U	A
Oldcastle BuildingEnvelope®	Calgary, AB	3265	COMP+CAN		750 U	A
Oldcastle BuildingEnvelope®	Warrenton, MO	3146	COMP+CAN		500 U	A
Oldcastle BuildingEnvelope®	Shawnee, OK	3097	COMP+CAN		175 U	A
Oldcastle BuildingEnvelope®	Phoenix, AZ	3130	COMP+CAN		125 U	A
Oldcastle BuildingEnvelope® Canada Inc.	Pointe-aux-Trembles, QC	1997	COMP+CAN		100 U	A
Paragon Tempered Glass	Antwerp, OH	2686	COMPOSITE		500 U	A
PFG Glass	Langley, BC	3540	COMP+CAN		750 U	A
PGT Industries	Nokomis, FL	2390	COMPOSITE		285 U	A
PPG Inds. Inc.	Barrie, ON	5205	COMP+CAN		800 U	A
PPG Inds. Inc.	Carlisle, PA	249	COMP+CAN		400 U	A
PPG Inds., Inc.	Wichita Falls, TX	1112	COMPOSITE		175 U	A
Prelco Inc.	Riviere-du-loup, QC	2713	COMP+CAN		800 U	A
Prelco Inc.	Saint-Jacques, NB	4913	COMP+CAN		800 U	A
Productos De Valor Agregado en Cristal S.A. de C.V.	San Juan Ixhuatepec, Tlalnepantla, Mexico	4639	COMPOSITE		175 U	A
Produits Verrier International Inc.	Montreal, Quebec	5500	COMP+CAN		100 U	A
PT Abebersa Pratama	Bekasi, Indonesia	3906	COMPOSITE		125 U	A
Qinhuangdao Ampac Building Products Co., Ltd.	Qinhuangdao Hebei, China	5901	COMPOSITE		100 U	A
Quaker Window Products, Inc.	Freeburg, MO	2986	COMP+CAN		150 U	A
Quality Enclosures Tempering, Inc.	Port Orange, FL	6243	COMPOSITE		165 U	A
Quality Glass & Mirror, Inc.	Mount Prospect, IL	2981	COMPOSITE		500 U	A
Ready Glass & Mirror, Inc.	Hialeah, FL	3745	COMPOSITE		285 U	A
RF Supply, Inc.	Bradenton, FL	5860	COMPOSITE		285 U	A
Rizhao Huaye Glass Co., Ltd.	Rizhao, Shandong	5567	COMP+CAN		285 U	A
Robover Inc.	Quebec City, QC	5201	COMP+CAN		450 U	A
S.F. Tempering	Dania Beach, FL	5452	COMPOSITE		285 U	A
SAAND London	London, ON Canada	3979	COMP+CAN		400 U	A
SAAND Ottawa	Stittsville, ON	4951	COMP+CAN		400 U	A
SAAND Rexdale	Rexdale, ON	4997	COMP+CAN		400 U	A
SAAND Toronto	Toronto, ON Canada	3023	COMP+CAN		400 U	A
SCHOTT Gemtron - Sweetwater	Sweetwater, TN	1201	COMP+CAN		285 U	A
SCHOTT Gemtron (Canada) Corporation	Midland, ON Canada	3636	COMP+CAN		100 U	A
Shanghai SYP Engineering Glass	Shanghai, China	4068	COMP+CAN		125 U	A
Shower Doors & More Inc.	Fort Lauderdale, FL	5756	COMPOSITE		285 U	A
SIGCO, Inc.	Westbrook, ME	2963	COMPOSITE		100 U	A
Simonton Windows	Ellenboro, WV	2888	COMPOSITE		100 U	A
Simonton Windows	Paris, IL	4978	COMPOSITE		150 U	A
Sky Land Tempering Glass Corp	Long Island City, NY	5467	COMPOSITE		100 U	A
Solar Seal Massachusetts	South Easton, MA	1871	COMPOSITE		800 U	A
Solar Seal Virginia	Stafford, VA	5723	COMPOSITE		100 U	A
Strong Tempering Glass Industry LLC	Brooklyn, NY	5939	COMPOSITE		100 U	A
Swift Glass Co., Inc.	Elmira Heights, NY	1556	COMPOSITE		400 U	A
Syracuse Glass Co., Inc.	Syracuse, NY	2957	COMP+CAN		400 U	A
Tai Shan City Da Heng Art Glass Ltd.	Tai Shan, Guangdong, China	3789	COMPOSITE		750 U	A
Tai Sheng (Dong Guan) Glass Co.,Ltd	Dongguan, Guangdong, China	5487	COMP+CAN		285 U	A

Certified Products-By Product Type

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<i>3/16 Inch Tempered Transparent Glass</i>						
Taiwan Glass Industry Corp.	Taipei, Taiwan, China	3887	COMP+CAN		750 U	A
Techni-Glass, Inc.	Surgoinsville, TN	2549	COMP+CAN		285 U	A
Tecnoglass S.A.	Barranquilla, Colombia	1993	COMP+CAN		285 U	A
Tempco Glass	Flushing, NY	5010	COMPOSITE		400 U	A
Texas Tempered, a Trulite Glass and Aluminum Solutions Company	Houston, TX	4848	COMPOSITE		175 U	A
TG Changjiang Glass Co., Ltd	Kunshan City, Jiangsu, China	5177	COMP+CAN		750 U	A
Thermal Seal Insulating Glass	Uxbridge, MA	5733	COMPOSITE		285 U	A
Thermo BSL	Riviere-du-loup, QC	4292	COMP+CAN		800 U	A
Thermoseal Industries, LLC	Gloucester City, NJ	4470	COMPOSITE		100 U	A
Thompson I.G. LLC.	Fenton, MI	5304	COMP+CAN		100 U	A
Tianjin CSG Energy Conservation Glass Co., Ltd	Tianjin, China	4022	COMPOSITE		100 U	A
Tianjin SYP Engineering Glass Co., Ltd.	Tianjin, China	4075	COMP+CAN		125 U	A
Tri-Star Glass, Inc.	Catoosa, OK	4006	COMPOSITE		175 U	A
Triton Glass LLC	Albemarle, NC	5691	COMPOSITE		165 U	A
Triview Glass Industries	City of Industry, CA	5040	COMP+CAN		250 U	A
Troy Systems LLC	Manassas, VA	4918	COMPOSITE		100 U	A
Trulite Glass and Aluminum Solutions	Indianapolis, IN	4922	COMPOSITE	IN	200 U	A
Trulite Glass and Aluminum Solutions	San Antonio, TX	3839	COMPOSITE		175 U	A
Trulite Glass and Aluminum Solutions	Sacramento, CA	5809	COMPOSITE		125 U	A
Trulite Glass and Aluminum Solutions	Lithia Springs, GA	6102	COMP+CAN		165 U	A
Trulite Glass and Aluminum Solutions	Grenada, MS	2788	COMPOSITE		500 U	A
Trulite Glass and Aluminum Solutions	Fort Worth, TX	5398	COMPOSITE		175 U	A
Trulite Glass and Aluminum Solutions	Houston, TX	3925	COMP+CAN		175 U	A
Trulite Glass and Aluminum Solutions	Columbus, OH	4746	COMPOSITE		200 U	A
Trulite Glass and Aluminum Solutions	Fremont, CA	5794	COMPOSITE		125 U	A
Trulite Glass and Aluminum Solutions	Vaughan, ON	5508	COMP+CAN		450 U	A
Trulite Glass and Aluminum Solutions	New Berlin, WI	5318	COMPOSITE		150 U	A
Trulite Glass and Aluminum Solutions	Fresno, CA	5822	COMPOSITE		125 U	A
Trulite Glass and Aluminum Solutions	Salt Lake City, UT	5337	COMPOSITE		125 U	A
Trulite Glass and Aluminum Solutions	Tulsa, OK	5444	COMPOSITE		175 U	A
Trulite Glass and Aluminum Solutions	Phoenix, AZ	5702	COMPOSITE		250 U	A
Trulite Glass and Aluminum Solutions	Knoxville, TN	4152	COMPOSITE		285 U	A
Trulite Glass and Aluminum Solutions	Cheswick, PA	1785	COMPOSITE		100 U	A
Trulite Glass and Aluminum Solutions	Orlando, FL	5185	COMPOSITE		285 U	A
Trulite Glass and Aluminum Solutions	City of Industry, CA	4184	COMPOSITE		250 U	A
Trulite Glass and Aluminum Solutions	Aurora, CO	5879	COMPOSITE		175 U	A
Trulite Glass and Aluminum Solutions	Las Vegas, NV	4212	COMPOSITE		250 U	A
Trulite Glass and Aluminum Solutions	Youngsville, NC	5273	COMPOSITE		165 U	A
Tweddells Inc.	Santa Ana, CA	4993	COMP+CAN		250 U	A
U.S. Glass Distributors Inc.	Enfield, CT	5922	COMP+CAN		400 U	A
United Plate Glass Co., Inc.	Butler, PA	2468	COMPOSITE		800 U	A
United Plate Glass Company of Charlotte	Lincolnton, NC	3949	COMP+CAN		165 U	A
Unitex Glass Chengdu Co., Ltd	Chendu, Sichuan, China	5407	COMPOSITE		200 U	A
Upstate Glass Tempering Inc.	Middletown, NY	6068	COMPOSITE		400 U	A
View Inc.	Olive Branch, MS	4727	COMPOSITE		175 U	A
Viracon Inc.	St. George, UT	5582	COMPOSITE		125 U	A
Viracon Inc.	Owatonna, MN	1403	COMP+CAN		150 U	A
Viracon Inc.	Statesboro, GA	2314	COMP+CAN		165 U	A
Virginia Glass Products Corp.	Martinsville, VA	12	COMPOSITE		100 U	A

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<i>3/16 Inch Tempered Transparent Glass</i>						
Vitra Vidrios Transformados SA de CV	Cortes, Honduras	4651	COMPOSITE		285 U	A
Viwinco, Inc.	Morgantown, PA	3405	COMPOSITE		100 U	A
W. A. Wilson Inc.	Wheeling, WV	4170	COMPOSITE		200 U	A
Whalley Glass Co	Derby, CT	6227	COMPOSITE		100 U	A
Wholesale Glass Dist.	Memphis, TN	4379	COMPOSITE		150 U	A
Wisconsin Shower Door & Supply Corp	Menomonee Falls, WI	5587	COMPOSITE		600 U	A
Wolverine Glass Products, Inc.	Grand Rapids, MI	5427	COMP+CAN		200 U	A
WSD Glass, Inc.	Winston-Salem, NC	4048	COMPOSITE		165 U	A
Xianning CSG Energy Conservation Glass Co., LTD.	Xianning, Hubei	5979	COMPOSITE		125 U	A
Xinyi Glass (Tianjin) Co. Ltd.	Tianjin, China	5532	COMP+CAN		195 U	A
Xinyi Group (Glass) Co., Ltd.	Dongguan, Guangdong, China	3085	COMP+CAN		165 U	A
Yao Xiang Glass Product Co. Ltd.	Foshan, Guangdong, China	3737	COMP+CAN		285 U	A
Yong Feng Tai Foshan City Glas Co., LTD.	Foshan, Guangdong, China	5890	COMPOSITE		285 U	A
Zhangjiagang Weiyu Fabricated Glass Co. Ltd.	Zhangjiagang, Jiangsu, China	5739	COMPOSITE		250 U	A
Zhejiang Zhongli Energy Efficient Glass Mfg. Co., Ltd	Hangzhou, Zhejiang, China	5077	COMP+CAN		125 U	A
<i>1/4 Inch Tempered Transparent Glass</i>						
AGC Flat Glass North America	Spring Hill, KS	1705	COMP+CAN		500 U	A
AGC Flat Glass North America	Greenland, TN	89	COMP+CAN		285 U	A
AGC Mirodan Industrie	Heule, Belgium	5961	COMPOSITE		285 U	A
AGC/Poma Glass Co. N.A.	Boardman, OH	5474	COMP+CAN		800 U	A
AGC-Poma Glass Co. N.A.	Quakertown, PA	2666	COMPOSITE		100 U	A
AGNORA (Architectural Glass North America)	Collingwood, ON Canada	4883	COMP+CAN		450 U	A
Al Abbar Architectural Glass	Dubai, United Arab Emirates	3556	COMPOSITE		100 U	A
Aldora Aluminum and Glass Products Inc.	Charleston, SC	4331	COMPOSITE		285 U	A
Aldora Aluminum and Glass Products, Inc.	Miramar, FL	4717	COMPOSITE		285 U	A
Aldora Aluminum and Glass Products, Inc.	Orlando, FL	5576	COMPOSITE		285 U	A
All Team Glass & Mirror, Ltd.	Woodbridge, ON Canada	1756	COMPOSITE		450 U	A
Allglass Tempering Inc.	Schiller Park, IL	5837	COMPOSITE		600 U	A
Aluminum Manufacturers Co. Ltd - ALUMATEC	Jeddah, Saudi Arabia	6151	COMPOSITE		400 U	A
American Insulated Glass Inc.	Conley, GA	5285	COMPOSITE		165 U	A
American Shower Door	Los Angeles, CA	3039	COMPOSITE		250 U	A
Amsco Windows	Salt Lake City, UT	2581	COMPOSITE		750 U	A
Anthony International	Madison, GA	2353	COMPOSITE		165 U	A
Anthony International	San Fernando, CA	1000	COMPOSITE		250 U	A
Architectural Glass Products, LLC.	St. Louis, MO	4573	COMPOSITE		100 U	A
Arlene Stained Glass & Door	Houston, TX	3584	COMPOSITE		175 U	A
Ascent Glass Products (Zhong Shan) Limited	Zhongshan City, Guangdong Province	5867	COMPOSITE		285 U	A
ATI Windows	Riverside, CA	5638	COMPOSITE		250 U	A
ATN Holding Inc.	Mira Loma, CA	6262	COMPOSITE		250 U	A
AVIC Sanxin Co. Ltd.	Shenzhen, Guangdong, China	5766	COMPOSITE		285 U	A
Basco Engineered Products	Hamilton, OH	3810	COMPOSITE		200 U	A
Beijing Wuhua Tianbao Glass Co.	Beijing, China	5560	COMPOSITE		125 U	A
Berkowitz, J.E.	Pedricktown, NJ	4837	COMP+CAN		100 U	A
Blue Star Glass Inc.	North Brunswick, NJ	4519	COMPOSITE		100 U	A

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<i>1/4 Inch Tempered Transparent Glass</i>						
Bronco Industries, Inc.	Delta, BC	5366	COMP+CAN	195 U	A	
Cameron Glass, Inc.	Broken Arrow, OK	2455	COMPOSITE	500 U	A	
Cardinal CG	Spring Green, WI	2070	COMP+CAN	600 U	A	
Cardinal CG	Northfield, MN	1988	COMP+CAN	150 U	A	
Cardinal CG	Mazomanie, WI	4783	COMP+CAN	150 U	A	
Cardinal CG	Buford, GA	1924	COMP+CAN	165 U	A	
Cardinal CG	Moreno Valley, CA	2296	COMP+CAN	250 U	A	
Cardinal CG	Waxahachie, TX	2702	COMP+CAN	175 U	A	
Cardinal CG	Tumwater, WA	2010	COMP+CAN	195 U	A	
Cardinal CG	Galt, CA	2360	COMPOSITE	125 U	A	
Cardinal CG	Loveland, CO	3555	COMPOSITE	500 U	A	
Cardinal CT	Mount Airy, NC	5266	COMP+CAN	165 U	A	
Cardinal CT	Utica, OH	5479	COMP+CAN	100 U	A	
Cardinal CT	Adel, GA	5364	COMPOSITE	165 U	A	
Cardinal CT	Los Angeles, CA	5991	COMP+CAN	250 U	A	
Cardinal CT	Easton, PA	5842	COMP+CAN	100 U	A	
Cardinal CT - S	Irving TX	5104	COMPOSITE	175 U	A	
Cardinal CT - W	Irving TX	5248	COMPOSITE	175 U	A	
Cardinal FG	Durant, OK	2912	COMP+CAN	175 U	A	
Cardinal IG	Fargo, ND	2232	COMP+CAN	150 U	A	
Cardinal IG	Fremont, IN	2179	COMP+CAN	150 U	A	
Cardinal IG	Tomah, WI	2320	COMP+CAN	600 U	A	
Cardinal IG	Mountain Top, PA	3071	COMP+CAN	100 U	A	
Cardinal IG	Vinton, VA	2922	COMP+CAN	100 U	A	
Cardinal IG	Waxahachie, TX	2331	COMP+CAN	175 U	A	
Cardinal IG	Spring Green, WI	1834	COMP+CAN	150 U	A	
Cardinal IG	Casa Grande, AZ	2881	COMP+CAN	250 U	A	
Cardinal IG	Ocala, FL	3508	COMPOSITE	285 U	A	
Cardinal IG	Hood River, OR	2834	COMP+CAN	195 U	A	
Cardinal IG	Greenfield, IA	1830	COMP+CAN	500 U	A	
Cardinal LG	Amery, WI	4841	COMP+CAN	150 U	A	
Cardinal Tempering	Louisville, KY	3873	COMPOSITE	175 U	A	
Cardinal TG	Tomah, WI	1807	COMP+CAN	600 U	A	
Cardinal TG	Chehalis, WA	3459	COMP+CAN	750 U	A	
Carey Glass International	Nenagh, Co. Tipperary	5998	COMP+CAN	100 U	A	
Changshu Weier Glass Products Co. Ltd.	Changshu, Jiangsu, China	5354	COMPOSITE	195 U	A	
Chicago Tempered Glass, Inc.	Chicago, IL	3088	COMPOSITE	200 U	A	
Classy Glass Specialties Co., Ltd	Dongguan, Guangdong	5159	COMPOSITE	200 U	A	
ClearEdge Glass	Baton Rouge, LA	5311	COMPOSITE	175 U	A	
Clinton Glass Company	Knoxville, TN	5606	COMPOSITE	165 U	A	
Columbia Commercial Bldg Prod.	Rockwall, TX	4921	COMP+CAN	175 U	A	
Commercial Insulating Glass Co.	Sarasota, FL	1891	COMPOSITE	285 30x76	A	
Commercial Insulating Glass Co.	Cumberland City, TN	3808	COMPOSITE	165 U	A	
Consolidated Glass Corp.	New Castle, PA	2002	COMP+CAN	285 U	A	
Contour Industries, Inc.	Surgoinsville, TN	1677	COMP+CAN	285 U	A	
Contract Glass	Billerica, MA	4973	COMPOSITE	100 U	A	
Contractors Wardrobe	Valencia, CA	3467	COMP+CAN	250 U	A	
Coral Industries Glass Division	Tuscaloosa, AL	1911	COMPOSITE	165 U	A	
Cristec Vipla SL	Balaguer, Lleida	5695	COMPOSITE	100 U	A	
Custom Glass Products Inc.	Weston, WI	4002	COMPOSITE	600 U	A	
Custom Glass Solutions Millbury Corp.	Millbury, OH	1577	COMPOSITE	200 U	A	

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<i>1/4 Inch Tempered Transparent Glass</i>						
D3 Glass, LLC	Fort Myers, FL	4795	COMPOSITE		285 U	A
Dallas Flat Glass	Carrollton, TX	3701	COMPOSITE		175 U	A
DDG Glass Manufacturing SDN BHD	Johor, Malaysia	5623	COMP+CAN		125 U	A
Denver Glass Interiors, Inc.	Englewood, CO	3866	COMPOSITE		175 U	A
Deqing Sanxing Plastic Chemical Co. Ltd.	Huzhou, Zhejiang, China	4146	COMPOSITE		750 U	A
Diamond Sea Glaze	Langley, BC Canada	4501	COMPOSITE		750 U	A
Dillmeier Enterprise, Inc.	Van Buren, AR	3913	COMPOSITE		175 U	A
Dlubak Corporation	Blairsville, PA	3017	COMPOSITE		100 U	A
Dongguan CSG Architectural Glass Co., Ltd.	Dongguan, Guangdong, China	3934	COMP+CAN		125 U	A
Dongguan Trillion Aluminum Glass Co., Ltd	Dongguan, Guangdong, China	5862	COMPOSITE		285 U	A
Downey Glass Industries, LLC	Pompano Beach, FL	2662	COMPOSITE		285 U	A
Eckelt Glas GmbH	Steyr, Austria	2850	COMPOSITE		100 U	A
EFCO Corporation	Monett, MO	1902	COMPOSITE		175 U	A
EFI	Kernersville, NC	5026	COMP+CAN		165 U	A
Engineered Glass Products, L.L.C.	Chicago, IL	2698	COMPOSITE		200 30x72	A
Fairis C.A.	Ambato, Tungurahua, Ecuador	4427	COMPOSITE		285 U	A
Flat Glass Distributors	Jacksonville, FL	3824	COMPOSITE		285 U	A
Flat Glass Group Co., Ltd.	Jiaxing, Zhejiang	5522	COMPOSITE		125 U	A
Foshan Gaoming Yaqi Toughened Glass	Foshan City, Guangdong Province	6119	COMPOSITE		125 U	A
Foshan Nanhai Gangsheng Tempered Glass Factory	Foshan, Guangdong, China	4670	COMP+CAN	(IN)	125 U	A
Foshan NanHai ZhongKang YiMeiJia Glass Co. Ltd.	Foshan, Guangdong, China	5389	COMPOSITE		285 U	A
Fujian Xihe Sanitary Ware Technology Co., Ltd	Nan'an Fujian China	5091	COMPOSITE		285 U	A
Garibaldi Glass Ind. Inc.	Burnaby, BC	4419	COMP+CAN		750 U	A
General Glass	Portland, OR	4034	COMPOSITE		195 U	A
GGI Glass Distributors Corp.	Secaucus, NJ	2227	COMPOSITE		100 U	A
GLASPRO	Santa Fe Springs, CA	6047	COMP+CAN		0 U	A
Glass & Mirror Craft	Wixom, MI	4200	COMP+CAN		150 U	A
Glass Design of Miami, Inc.	Miami, FL	3453	COMPOSITE		285 U	A
Glass Dynamics, Inc.	Stoneville, NC	2732	COMPOSITE		285 U	A
Glass Enterprises, Inc.	Bensalem, PA	4629	COMPOSITE		100 U	A
GlassFab Tempering Services Inc. Holly Drive	Tracy, CA	5987	COMPOSITE		125 U	A
GlassFab Tempering Services, Inc. Mariani Ct.	Tracy, CA	4891	COMPOSITE		125 U	A
Glasswerks LA, Inc.	Temecula, CA	6096	COMP+CAN		250 U	A
Glasswerks LA, Inc. East	South Gate, CA	4806	COMPOSITE		250 U	A
Glasswerks LA, Inc. West	South Gate CA	5482	COMPOSITE		250 U	A
Glaz-Tech Industries, Inc.	Englewood, CO	2187	COMPOSITE		250 U	A
Glenny Glass Co.	Milford, OH	3844	COMPOSITE		200 U	A
Global Security Glazing	Selma, AL	4766	COMP+CAN		285 U	A
Goldray Industries Ltd.	Calgary, AB Canada	2447	COMP+CAN		195 U	A
GroupeVFG, a Trulite Glass and Aluminum Solutions Company	Bois-des-Filion, Quebec	6062	COMP+CAN		450 U	A
Guangdong Golden Glass Technologies	Shantou, Guangdong, China	3941	COMP+CAN		125 U	A
Guardian Fabrication Inc.	Webster, MA	662	COMPOSITE		100 U	A
Guardian IG LLC	Sun Prairie, WI	5643	COMP+CAN		600 U	A
Guardian Industries Corp.	Galax, VA	4607	COMP+CAN		285 U	A

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<i>1/4 Inch Tempered Transparent Glass</i>						
Guardian Industries Corp.	DeWitt, IA	2023	COMPOSITE	500 U	A	
Guardian Industries Corp.	Carleton, MI	131	COMPOSITE	200 U	A	
Guardian Industries Corp.	Geneva, NY	2262	COMPOSITE	400 U	A	
Guardian Industries Corp.	Richburg, SC	1633	COMPOSITE	285 U	A	
Guardian Industries Corp.	Corsicana, TX	1251	COMP+CAN	175 U	A	
Guardian Industries Corp.	Kingsburg, CA	971	COMP+CAN	125 U	A	
Gulf Glass Industries, LLC	Sharjah, United Arab Emirates	4796	COMPOSITE	100 U	A	
Industrial Tempering Glass	Brooklyn, NY	5565	COMPOSITE	100 U	A	
Inkan Ltd	Brampton, ON	5135	COMP+CAN	800 U	A	
Innovative Glass of America, Inc.	Dallas, NC	3862	COMPOSITE	165 U	A	
Insulite Glass Co., Inc.	Olathe, KS	3715	COMPOSITE	150 U	A	
Integral Seal Mfg. Inc.	Concord, ON Canada	4684	COMP+CAN	100 U	A	
Interglass Corp	Miami, FL	5033	COMPOSITE	285 U	A	
Intex Glass (Xiamen) Co., Ltd.	Xiamen, Fujian, China	2575	COMP+CAN	200 U	A	
Intigral	Walton Hills, OH	2055	COMP+CAN	200 U	A	
Intus Windows LLC	Fairfax, VA	6201	COMPOSITE	100 U	A	
Jiangmen SYP Engineering Glass	Jiangmen, Guangdong, China	4305	COMP+CAN	125 U	A	
Jiangyin Mingyang Glass Production	Jiangyin City, Jiangsu	5779	COMPOSITE	125 U	A	
Jiaxing Joinbath Corporation	Jiaxing, Zhejiang, China	5709	COMPOSITE	125 U	A	
JM Glass	Hayward, CA	4929	COMPOSITE	125 U	A	
JYC Glass Co. Ltd.	Foshan, Guangdong, China	3960	COMP+CAN	125 U	A	
Kawneer - (Cranberry) a division of Alcoa	Cranberry Township, PA	2490	COMPOSITE	100 U	A	
Kensington Glass Arts	Ijamsville, MD	5973	COMPOSITE	100 U	A	
Kohler Company	Union City, TN	1982	COMPOSITE	165 U	A	
M Industria S.A. DE C.V.	Merida, Yucatan Mexico	5410	COMPOSITE	285 U	A	
M&M Tempering Inc.	Loganville, GA	4280	COMPOSITE	165 U	A	
M3 Glass Technologies	Irving, TX	5945	COMPOSITE	175 U	A	
Maryland Glass & Mirror	Baltimore, MD	4320	COMPOSITE	100 U	A	
McGrory Glass	Paulsboro, NJ	4813	COMPOSITE	100 U	A	
Mega Tempering	Brooklyn, NY	4299	COMPOSITE	100 U	A	
Mercer Glass Fab LLC	Trenton, NJ	4254	COMPOSITE	100 U	A	
Midwest Glass Fabricators Inc.	Highland, MI	6030	COMP+CAN	200 U	A	
Milgard Tempering	Dixon, CA	2842	COMPOSITE	125 U	A	
Multiver	Vanier, QC	2499	COMPOSITE	400 U	A	
Nashville Tempered Glass Corp.	Nashville, TN	1417	COMP+CAN	285 U	A	
Nashville Tempered Glass LLC	Hendersonville, TN	2693	COMP+CAN	285 U	A	
New Angle Beveling	Hyde, PA	4595	COMPOSITE	100 U	A	
New Angle Beveling	Clearfield, PA	5773	COMPOSITE	100 U	A	
New Century Glass & Aluminum LLC	Woodside, NY	5456	COMPOSITE	400 U	A	
NY Tempering LLC	Maspeth, NY	4901	COMPOSITE	800 U	A	
Oldcastle BuildingEnvelope®	Vancouver, WA	3222	COMP+CAN	195 U	A	
Oldcastle BuildingEnvelope®	Indianapolis, IN	2212	COMP+CAN	150 U	A	
Oldcastle BuildingEnvelope®	Fremont, CA	3194	COMP+CAN	125 U	A	
Oldcastle BuildingEnvelope®	Grand Prairie, TX	3253	COMP+CAN	175 U	A	
Oldcastle BuildingEnvelope®	Miami, FL	3498	COMP+CAN	285 U	A	
Oldcastle BuildingEnvelope®	Calgary, AB	3266	COMP+CAN	750 U	A	
Oldcastle BuildingEnvelope®	Perrysburg, OH	3236	COMP+CAN	100 U	A	
Oldcastle BuildingEnvelope®	Concord, ON	3442	COMP+CAN	100 U	A	
Oldcastle BuildingEnvelope®	Langley, BC	3289	COMP+CAN	750 U	A	
Oldcastle BuildingEnvelope®	Los Angeles, CA	514	COMP+CAN	125 U	A	
Oldcastle BuildingEnvelope®	Denver, CO	3313	COMP+CAN	125 U	A	

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>	<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
1/4 Inch Tempered Transparent Glass						
Oldcastle BuildingEnvelope®	Houston, TX	3159	COMP+CAN		175 U	A
Oldcastle BuildingEnvelope®	Tampa, FL	3119	COMP+CAN		285 U	A
Oldcastle BuildingEnvelope®	Schofield, WI	3170	COMP+CAN		600 U	A
Oldcastle BuildingEnvelope®	Wright City, MO	3140	COMP+CAN		150 U	A
Oldcastle BuildingEnvelope®	Moorestown, NJ	3183	COMP+CAN		100 U	A
Oldcastle BuildingEnvelope®	Covington, GA	3332	COMP+CAN		165 U	A
Oldcastle BuildingEnvelope®	Hauppauge, NY	1548	COMP+CAN		400 U	A
Oldcastle BuildingEnvelope®	Rock Hill, SC	3278	COMP+CAN		165 U	A
Oldcastle BuildingEnvelope®	Albertville, MN	3107	COMP+CAN		150 U	A
Oldcastle BuildingEnvelope®	Shawnee, OK	3098	COMP+CAN		175 U	A
Oldcastle BuildingEnvelope®	Warrenton, MO	3147	COMP+CAN		500 U	A
Oldcastle BuildingEnvelope®	Phoenix, AZ	3131	COMP+CAN		125 U	A
Oldcastle BuildingEnvelope® Canada Inc.	Pointe-aux-Trembles, QC	2543	COMP+CAN		100 U	A
Paragon Tempered Glass	Antwerp, OH	2687	COMPOSITE		500 U	A
Patio Enclosures	Macedonia, OH	3015	COMPOSITE		200 U	A
PFG Glass	Langley, BC	3541	COMP+CAN		750 U	A
PGT Industries	Nokomis, FL	2391	COMPOSITE		285 U	A
PPG Inds. Inc.	Barrie, ON	5206	COMP+CAN		800 U	A
PPG Inds. Inc.	Carlisle, PA	382	COMP+CAN		400 U	A
PPG Inds., Inc.	Wichita Falls, TX	1113	COMPOSITE		175 U	A
Prelco Inc.	Riviere-du-loup, QC	2015	COMP+CAN		800 U	A
Prelco Inc.	Saint-Jacques, NB	4914	COMP+CAN		800 U	A
PRESS GLASS SA	Radomsko, Poland	5846	COMP+CAN		800 U	A
PRESS GLASS SA	Tychy, Poland	5853	COMP+CAN		800 U	A
Productos De Valor Agregado en Cristal S.A. de C.V.	San Juan Ixhuatepec, Tlalnepantla, Mexico	4645	COMPOSITE		175 U	A
Produits Verrier International Inc.	Montreal, Quebec	5501	COMP+CAN		100 U	A
Qingdao Apis Glass Industries Co.	Qingdao, Shandong China	5529	COMPOSITE		285 U	A
Qingdao Jinjing Co., Ltd.	Qingdao City, Shandong China	6198	COMP+CAN		125 U	A
Quaker Window Products, Inc.	Freeburg, MO	3485	COMP+CAN		150 U	A
Quality Enclosures Tempering, Inc.	Port Orange, FL	6244	COMPOSITE		165 U	A
Quality Glass & Mirror, Inc.	Mount Prospect, IL	2982	COMPOSITE		500 U	A
Quest Window Systems	Mississauga, ON	5719	COMP+CAN		450 U	A
Ready Glass & Mirror, Inc.	Hialeah, FL	3746	COMPOSITE		285 U	A
Reem Emirates Aluminum & Glass	Abu Dhabi, United Arab Emirates	4675	COMPOSITE		150 U	A
RF Supply, Inc.	Bradenton, FL	4225	COMPOSITE		285 U	A
Rizhao Huaye Glass Co., Ltd.	Rizhao, Shandong	5568	COMP+CAN		285 U	A
Robover Inc.	Quebec City, QC	5202	COMP+CAN		450 U	A
S.F. Tempering	Dania Beach, FL	5019	COMPOSITE		285 U	A
SAAND London	London, ON Canada	3980	COMP+CAN		400 U	A
SAAND Ottawa	Stittsville, ON	4952	COMP+CAN		400 U	A
SAAND Rexdale	Rexdale, ON	4998	COMP+CAN		400 U	A
SAAND Toronto	Toronto, ON Canada	2484	COMP+CAN		400 U	A
SCHOTT Gemtron - Sweetwater	Sweetwater, TN	1477	COMP+CAN		285 U	A
SCHOTT Gemtron (Canada) Corporation	Midland, ON Canada	3637	COMP+CAN		100 U	A
Shanghai SYP Engineering Glass	Shanghai, China	4069	COMP+CAN		125 U	A
Shanghai Zhenzhen Glassware Co., LTD.	Shanghai, China	6125	COMP+CAN		195 U	A
Shenzhen Kaitai Glass Co. Ltd	Shenzhen, China	5436	COMPOSITE		285 U	A
Shower Doors & More Inc.	Fort Lauderdale, FL	5757	COMPOSITE		285 U	A
SIGCO, Inc.	Westbrook, ME	2964	COMPOSITE		100 U	A

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>	<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
<i>1/4 Inch Tempered Transparent Glass</i>						
Sky Land Tempering Glass Corp	Long Island City, NY	5468	COMPOSITE	100 U	A	
Solar Seal Connecticut	Hamden, CT	4523	COMPOSITE	400 U	A	
Solar Seal Massachusetts	South Easton, MA	1035	COMPOSITE	800 U	A	
Solar Seal Virginia	Stafford, VA	5724	COMPOSITE	100 U	A	
Stargrup Cam A.S.	Arnavutkoy, Istanbul	6204	COMPOSITE	285 U	A	
Sterling Mirror Company, LLC	Stevensville, MD	6183	COMP+CAN	800 U	A	
Strong Tempering Glass Industry LLC	Brooklyn, NY	5940	COMPOSITE	100 U	A	
Swift Glass Co., Inc.	Elmira Heights, NY	1557	COMPOSITE	400 U	A	
Syracuse Glass Co., Inc.	Syracuse, NY	2656	COMP+CAN	400 U	A	
Tacoma Glass Mfg. Inc.	Burlington, WA	5165	COMPOSITE	195 U	A	
Tacoma Glass Mfg. Inc.	Lakewood, WA	4730	COMPOSITE	195 U	A	
Tai Sheng (Dong Guan) Glass Co.,Ltd	Dongguan, Guangdong, China	4872	COMP+CAN	285 U	A	
Taiwan Glass Industry Corp.	Taipei, Taiwan, China	3888	COMP+CAN	750 U	A	
Techni-Glass, Inc.	Surgoinsville, TN	2975	COMP+CAN	285 U	A	
Tecnoglass S.A.	Barranquilla, Colombia	1994	COMP+CAN	285 U	A	
Tempco Glass	Flushing, NY	5011	COMPOSITE	400 U	A	
Templados Del Centro SA DE C.V.	Irapuato, Guanajuato	6018	COMPOSITE	175 U	A	
Texas Tempered, a Trulite Glass and Aluminum Solutions Company	Houston, TX	6039	COMPOSITE	175 U	A	
TG Changjiang Glass Co., Ltd	Kunshan City, Jiangsu, China	5178	COMP+CAN	750 U	A	
The Original Frameless Shower Door	Coral Springs, FL	4661	COMPOSITE	285 U	A	
Thermal Seal Insulating Glass	Uxbridge, MA	5734	COMPOSITE	285 U	A	
Thermo BSL	Riviere-du-loup, QC	4293	COMP+CAN	800 U	A	
Thermoseal Industries, LLC	Gloucester City, NJ	4471	COMPOSITE	100 U	A	
Thompson I.G. LLC.	Fenton, MI	5305	COMP+CAN	100 U	A	
Tianjin CSG Energy Conservation Glass Co., Ltd	Tianjin, China	4023	COMPOSITE	100 U	A	
Tianjin SYP Engineering Glass Co., Ltd.	Tianjin, China	4076	COMP+CAN	125 U	A	
Tri-Star Glass, Inc.	Catoosa, OK	4007	COMPOSITE	175 U	A	
Tri-Star Glass, Inc.	Grand Prairie, TX	5109	COMPOSITE	175 U	A	
Tri-Star Glass, Inc.	Houston, Texas	5762	COMPOSITE	175 U	A	
Triton Glass LLC	Albemarle, NC	5692	COMPOSITE	165 U	A	
Triview Glass Industries	City of Industry, CA	5041	COMP+CAN	250 U	A	
Troy Systems LLC	Manassas, VA	4061	COMPOSITE	100 U	A	
Trulite Glass and Aluminum Solutions	New Berlin, WI	5877	COMPOSITE	150 U	A	
Trulite Glass and Aluminum Solutions	Indianapolis, IN	4923	COMPOSITE	200 U	A	
Trulite Glass and Aluminum Solutions	Grenada, MS	2789	COMPOSITE	500 U	A	
Trulite Glass and Aluminum Solutions	Orlando, FL	5184	COMPOSITE	285 U	A	
Trulite Glass and Aluminum Solutions	Fremont, CA	5795	COMPOSITE	125 U	A	
Trulite Glass and Aluminum Solutions	Fresno, CA	5823	COMPOSITE	125 U	A	
Trulite Glass and Aluminum Solutions	Knoxville, TN	4153	COMPOSITE	285 U	A	
Trulite Glass and Aluminum Solutions	Lithia Springs, GA	6103	COMP+CAN	165 U	A	
Trulite Glass and Aluminum Solutions	Youngsville, NC	5274	COMPOSITE	165 U	A	
Trulite Glass and Aluminum Solutions	Columbus, OH	4747	COMPOSITE	200 U	A	
Trulite Glass and Aluminum Solutions	Fort Worth, TX	5399	COMPOSITE	175 U	A	
Trulite Glass and Aluminum Solutions	Vaughan, ON	5509	COMP+CAN	450 U	A	
Trulite Glass and Aluminum Solutions	Las Vegas, NV	4213	COMPOSITE	250 U	A	
Trulite Glass and Aluminum Solutions	Aurora, CO	5343	COMPOSITE	175 U	A	
Trulite Glass and Aluminum Solutions	Salt Lake City, UT	5338	COMPOSITE	125 U	A	
Trulite Glass and Aluminum Solutions	Tulsa, OK	5445	COMPOSITE	175 U	A	
Trulite Glass and Aluminum Solutions	San Antonio, TX	3326	COMPOSITE	175 U	A	
Trulite Glass and Aluminum Solutions	Cheswick, PA	1786	COMPOSITE	100 U	A	

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>	<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
<i>1/4 Inch Tempered Transparent Glass</i>						
Trulite Glass and Aluminum Solutions	Houston, TX	5483	COMP+CAN	IN	175 U	A
Trulite Glass and Aluminum Solutions	Sacramento, CA	5810	COMPOSITE		125 U	A
Trulite Glass and Aluminum Solutions	City of Industry, CA	4185	COMPOSITE		250 U	A
Trulite Glass and Aluminum Solutions	Phoenix, AZ	5746	COMPOSITE		250 U	A
Tweddells Inc.	Santa Ana, CA	5385	COMP+CAN		250 U	A
U.S. Glass Distributors Inc.	Enfield, CT	5923	COMP+CAN		400 U	A
United Plate Glass Co., Inc.	Butler, PA	2469	COMPOSITE		800 U	A
United Plate Glass Company of Charlotte	Lincolnton, NC	3950	COMP+CAN		165 U	A
Unitex Glass Chengdu Co., Ltd	Chendu, Sichuan, China	5408	COMPOSITE		200 U	A
Upstate Glass Tempering Inc.	Middletown, NY	5157	COMPOSITE		400 U	A
Vidrio Bisel S.A. de C.V.	Santa Catarina, Nuevo Leon, Mexico	4966	COMPOSITE		175 U	A
Vidrios el Castillo SC de RL de CV	Escobedo, Nuevo Leon, Mexico	5840	COMP+CAN		175 U	A
View Inc.	Olive Branch, MS	4728	COMPOSITE		175 U	A
Viracon Inc.	St. George, UT	5555	COMPOSITE		125 U	A
Viracon Inc.	Statesboro, GA	2310	COMP+CAN		165 U	A
Viracon Inc.	Owatonna, MN	1404	COMP+CAN		150 U	A
Virginia Glass Products Corp.	Martinsville, VA	14	COMPOSITE		100 U	A
Vitemex	Reynosa, Tamaulipas Mexico	5393	COMPOSITE		175 U	A
Vitra Vidrios Transformados SA de CV	Cortes, Honduras	4652	COMPOSITE		285 U	A
W. A. Wilson Inc.	Wheeling, WV	4171	COMPOSITE		200 U	A
Whalley Glass Co	Derby, CT	6228	COMPOSITE		100 U	A
White Aluminum Enterprises LLC	Abu Dhabi, United Arab Emirates	4598	COMPOSITE		150 U	A
Wholesale Glass Dist.	Memphis, TN	4380	COMPOSITE		150 U	A
Wisconsin Shower Door & Supply Corp	Menomonee Falls, WI	5588	COMPOSITE		600 U	A
Wolverine Glass Products, Inc.	Grand Rapids, MI	5428	COMP+CAN		200 U	A
WSD Glass, Inc.	Winston-Salem, NC	4049	COMPOSITE		165 U	A
Wujiang Golden Glass Technologies, Ltd.	Wujiang City,	5251	COMPOSITE		125 U	A
Xianning CSG Energy Conservation Glass Co., LTD.	Xianning, Hubei	6004	COMPOSITE		125 U	A
Xinyi Glass (Tianjin) Co. Ltd.	Tianjin, China	5533	COMP+CAN		195 U	A
Xinyi Group (Glass) Co., Ltd.	Dongguan, Guangdong, China	3053	COMP+CAN		165 U	A
Yao Xiang Glass Product Co. Ltd.	Foshan, Guangdong, China	3738	COMP+CAN		285 U	A
Yong Feng Tai Foshan City Glas Co., LTD.	Foshan, Guangdong, China	5891	COMPOSITE		285 U	A
Zhangjiagang Weiyu Fabricated Glass Co. Ltd.	Zhangjiagang, Jiangsu, China	5740	COMPOSITE		250 U	A
Zhejiang Zhongli Energy Efficient Glass Mfg. Co., Ltd	Hangzhou, Zhejiang, China	5078	COMP+CAN		125 U	A
<i>5/16 Inch Tempered Transparent Glass</i>						
AGC Flat Glass North America	Greenland, TN	4046	COMP+CAN		285 U	A
Al Abbar Architectural Glass	Dubai, United Arab Emirates	3557	COMPOSITE		100 U	A
All Team Glass & Mirror, Ltd.	Woodbridge, ON Canada	2790	COMPOSITE		450 U	A
Aluminum Manufacturers Co. Ltd - ALUMATEC	Jeddah, Saudi Arabia	6152	COMPOSITE		400 U	A
Anthony International	Madison, GA	5234	COMPOSITE		165 U	A
Ascent Glass Products (Zhong Shan) Limited	Zhongshan City, Guangdong Province	5868	COMPOSITE		285 U	A
AVIC Sanxin Co. Ltd.	Shenzhen, Guangdong, China	5767	COMPOSITE		285 U	A
Beijing Wuhua Tianbao Glass Co.	Beijing, China	5561	COMPOSITE		125 U	A
Cardinal CG	Northfield, MN	4775	COMP+CAN		150 U	A
Cardinal CG	Spring Green, WI	5281	COMP+CAN		600 U	A

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>	<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
<i>5/16 Inch Tempered Transparent Glass</i>						
Cardinal IG	Greenfield, IA	5435	COMP+CAN		500 U	A
Cardinal LG	Amery, WI	4842	COMP+CAN		150 U	A
Cardinal TG	Tomah, WI	4881	COMP+CAN	(IN)	600 U	A
Carey Glass International	Nenagh, Co. Tipperary	5999	COMP+CAN		100 U	A
Changshu Xingfu Glass Building Material Co., LTD	Changshu, Jiangsu, China	5151	COMP+CAN		165 U	A
Classy Glass Specialties Co., Ltd	Dongguan, Guangdong	5160	COMPOSITE		200 U	A
Consolidated Glass Corp.	New Castle, PA	3635	COMP+CAN		285 U	A
Contour Industries, Inc.	Surgoinsville, TN	4701	COMP+CAN		285 U	A
Contractors Wardrobe	Valencia, CA	3468	COMP+CAN		250 U	A
Cristec Vipla SL	Balaguer, Lleida	5696	COMPOSITE		100 U	A
DDG Glass Manufacturing SDN BHD	Johor, Malaysia	5624	COMP+CAN		125 U	A
Diamond Sea Glaze	Langley, BC Canada	4502	COMPOSITE		750 U	A
Dillmeier Enterprise, Inc.	Van Buren, AR	4839	COMPOSITE		175 U	A
Dongguan CSG Architectural Glass Co., Ltd.	Dongguan, Guangdong, China	3935	COMP+CAN		125 U	A
Dongguan Dongfa Glass Product Co., Ltd	Dongguan, Guangdong, China	4132	COMP+CAN		285 U	A
Downey Glass Industries, LLC	Pompano Beach, FL	5554	COMPOSITE		285 U	A
Eckelt Glas GmbH	Steyr, Austria	2851	COMPOSITE		100 U	A
EFCO Corporation	Monett, MO	4154	COMPOSITE		175 U	A
EFI	Kernersville, NC	5209	COMP+CAN		165 U	A
Fairis C.A.	Ambato, Tungurahua, Ecuador	4428	COMPOSITE		285 U	A
Flat Glass Group Co., Ltd.	Jiaxing, Zhejiang	5523	COMPOSITE		125 U	A
Foshan Gaoming Yaqi Toughened Glass	Foshan City, Guangdong Province	6120	COMPOSITE		125 U	A
Foshan Nanhai Gangsheng Tempered Glass Factory	Foshan, Guangdong, China	4671	COMP+CAN	(IN)	125 U	A
Foshan NanHai ZhongKang YiMeiJia Glass Co. Ltd.	Foshan, Guangdong, China	5390	COMPOSITE		285 U	A
Fujian Xihe Sanitary Ware Technology Co., Ltd	Nan'an Fujian China	5092	COMPOSITE		285 U	A
Garibaldi Glass Ind. Inc.	Burnaby, BC	5219	COMP+CAN		750 U	A
GGI Glass Distributors Corp.	Secaucus, NJ	4248	COMPOSITE		100 U	A
Glass Dynamics, Inc.	Stoneville, NC	5259	COMPOSITE		285 U	A
GnT Glass Co., Ltd.	Dongguan, Guangdong, China	5788	COMP+CAN		400 U	A
GroupeVFG, a Trulite Glass and Aluminum Solutions Company	Bois-des-Filion, Quebec	6063	COMP+CAN		450 U	A
Guangdong Golden Glass Technologies	Shantou, Guangdong, China	3942	COMP+CAN		125 U	A
Guangdong South Bright Glass Technology Glass Co., Ltd.	Foshan, Guangdong	6232	COMPOSITE		125 U	A
Guardian Industries Corp.	Richburg, SC	2382	COMPOSITE		285 U	A
Guardian Industries Corp.	Corsicana, TX	1826	COMP+CAN		175 U	A
Guardian Industries Corp.	Galax, VA	4608	COMP+CAN		285 U	A
Guardian Industries Corp.	Geneva, NY	3672	COMPOSITE		400 U	A
Guardian Industries Corp.	DeWitt, IA	2024	COMPOSITE		500 U	A
Inkan Ltd	Brampton, ON	5136	COMP+CAN		800 U	A
Intex Glass (Xiamen) Co., Ltd.	Xiamen, Fujian, China	3025	COMP+CAN		200 U	A
Jiangmen SYP Engineering Glass	Jiangmen, Guangdong, China	4306	COMP+CAN		125 U	A
Jiangyin Mingyang Glass Production	Jiangyin City, Jiangsu	5780	COMPOSITE		125 U	A
Jiaxing Joinbath Corporation	Jiaxing, Zhejiang, China	5710	COMPOSITE		125 U	A
JYC Glass Co. Ltd.	Foshan, Guangdong, China	3961	COMP+CAN		125 U	A
Kawneer - (Cranberry) a division of Alcoa	Cranberry Township, PA	2678	COMPOSITE		100 U	A

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>	<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
<i>5/16 Inch Tempered Transparent Glass</i>						
Kohler Company	Union City, TN	4668	COMPOSITE		165 U	A
Mercer Glass Fab LLC	Trenton, NJ	4530	COMPOSITE		100 U	A
Multiver	Vanier, QC	5226	COMPOSITE		400 U	A
Nashville Tempered Glass Corp.	Nashville, TN	5729	COMP+CAN		285 U	A
Oldcastle BuildingEnvelope®	Warrenton, MO	3796	COMP+CAN		500 U	A
Oldcastle BuildingEnvelope®	Albertville, MN	4882	COMP+CAN		150 U	A
Oldcastle BuildingEnvelope®	Rock Hill, SC	4787	COMP+CAN	(IN)	165 U	A
Oldcastle BuildingEnvelope®	Fremont, CA	5387	COMP+CAN		125 U	A
Oldcastle BuildingEnvelope®	Hauppauge, NY	4180	COMP+CAN		400 U	A
Oldcastle BuildingEnvelope®	Los Angeles, CA	4400	COMP+CAN		125 U	A
Oldcastle BuildingEnvelope®	Wright City, MO	3141	COMP+CAN		150 U	A
Oldcastle BuildingEnvelope®	Langley, BC	3290	COMP+CAN		750 U	A
Oldcastle BuildingEnvelope®	Perrysburg, OH	4443	COMP+CAN		100 U	A
Oldcastle BuildingEnvelope®	Concord, ON	3443	COMP+CAN		100 U	A
Oldcastle BuildingEnvelope®	Vancouver, WA	3223	COMP+CAN		195 U	A
Oldcastle BuildingEnvelope®	Calgary, AB	3267	COMP+CAN		750 U	A
Oldcastle BuildingEnvelope®	Schofield, WI	3171	COMP+CAN		600 U	A
Oldcastle BuildingEnvelope® Canada Inc.	Pointe-aux-Trembles, QC	2884	COMP+CAN		100 U	A
PFG Glass	Langley, BC	3542	COMP+CAN		750 U	A
PPG Inds., Inc.	Wichita Falls, TX	3577	COMPOSITE		175 U	A
Prelco Inc.	Saint-Jacques, NB	4915	COMP+CAN		800 U	A
Prelco Inc.	Riviere-du-loup, QC	2751	COMP+CAN		800 U	A
PRESS GLASS SA	Tychy, Poland	5854	COMP+CAN		800 U	A
PRESS GLASS SA	Radomsko, Poland	5847	COMP+CAN		800 U	A
Productos De Valor Agregado en Cristal S.A. de C.V.	San Juan Ixhuatepec, Tlalnepantla, Mexico	4788	COMPOSITE		175 U	A
Reem Emirates Aluminum & Glass	Abu Dhabi, United Arab Emirates	4676	COMPOSITE		150 U	A
Rizhao Huaye Glass Co., Ltd.	Rizhao, Shandong	5569	COMP+CAN		285 U	A
SAAND Toronto	Toronto, ON Canada	4356	COMP+CAN		400 U	A
SCHOTT Gemtron (Canada) Corporation	Midland, ON Canada	6020	COMP+CAN		100 U	A
Shanghai SYP Engineering Glass	Shanghai, China	4070	COMP+CAN		125 U	A
Shenzhen Kaitai Glass Co. Ltd	Shenzhen, China	5437	COMPOSITE		285 U	A
SIGCO, Inc.	Westbrook, ME	5213	COMPOSITE		100 U	A
Tai Sheng (Dong Guan) Glass Co.,Ltd	Dongguan, Guangdong, China	4873	COMP+CAN		285 U	A
Taiwan Glass Industry Corp.	Taipei, Taiwan, China	3889	COMP+CAN		750 U	A
Tecnoglass S.A.	Barranquilla, Colombia	2134	COMP+CAN		285 U	A
TG Changjiang Glass Co., Ltd	Kunshan City, Jiangsu, China	5179	COMP+CAN		750 U	A
Tianjin CSG Energy Conservation Glass Co., Ltd	Tianjin, China	4024	COMPOSITE		100 U	A
Tianjin Northglass Industrial Technical Co., Ltd	Tianjin, China	5220	COMPOSITE		175 U	A
Tianjin SYP Engineering Glass Co., Ltd.	Tianjin, China	4077	COMP+CAN		125 U	A
Triview Glass Industries	City of Industry, CA	5042	COMP+CAN		250 U	A
Trulite Glass and Aluminum Solutions	Vaughan, ON	5510	COMP+CAN		450 U	A
Trulite Glass and Aluminum Solutions	New Berlin, WI	5320	COMPOSITE		150 U	A
Trulite Glass and Aluminum Solutions	Fremont, CA	5796	COMPOSITE		125 U	A
Trulite Glass and Aluminum Solutions	Youngsville, NC	5518	COMPOSITE		165 U	A
Trulite Glass and Aluminum Solutions	Cheswick, PA	3495	COMPOSITE		100 U	A
U.S. Glass Distributors Inc.	Enfield, CT	5924	COMP+CAN		400 U	A
Viracon Inc.	Owatonna, MN	3689	COMP+CAN		150 U	A
Viracon Inc.	Statesboro, GA	4720	COMP+CAN		165 U	A

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>	<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
<i>5/16 Inch Tempered Transparent Glass</i>						
Viracon Inc.	St. George, UT	5556	COMPOSITE		125 U	A
Vitra Vidrios Transformados SA de CV	Cortes, Honduras	4653	COMPOSITE		285 U	A
White Aluminum Enterprises LLC	Abu Dhabi, United Arab Emirates	4597	COMPOSITE		150 U	A
Wolverine Glass Products, Inc.	Grand Rapids, MI	5429	COMP+CAN		200 U	A
Wujiang Golden Glass Technologies, Ltd.	Wujiang City,	5252	COMPOSITE		125 U	A
Xianning CSG Energy Conservation Glass Co., LTD.	Xianning, Hubei	6005	COMPOSITE		125 U	A
Xinyi Glass (Tianjin) Co. Ltd.	Tianjin, China	5534	COMP+CAN		195 U	A
Xinyi Group (Glass) Co., Ltd.	Dongguan, Guangdong, China	4648	COMP+CAN		165 U	A
Yao Xiang Glass Product Co. Ltd.	Foshan, Guangdong, China	3739	COMP+CAN		285 U	A
Yong Feng Tai Foshan City Glas Co., LTD.	Foshan, Guangdong, China	5892	COMPOSITE		285 U	A
Zhangjiagang City Daming Glass Product Co., Ltd	Zhangjiagang City, Jiangsu	5464	COMP+CAN		285 U	A
Zhejiang Zhongli Energy Efficient Glass Mfg. Co., Ltd	Hangzhou, Zhejiang, China	5079	COMP+CAN		125 U	A
<i>3/8 Inch Tempered Transparent Glass</i>						
A.L. Smith Glass Co. Inc.	Ijamsville, MD	6144	COMPOSITE		800 U	A
AGC Flat Glass North America	Greenland, TN	90	COMP+CAN		285 U	A
AGC Mirodan Industrie	Heule, Belgium	5962	COMPOSITE		285 U	A
AGNORA (Architectural Glass North America)	Collingwood, ON Canada	4885	COMP+CAN		450 U	A
Al Abbar Architectural Glass	Dubai, United Arab Emirates	3558	COMPOSITE		100 U	A
Aldora Aluminum and Glass Products Inc.	Charleston, SC	4335	COMPOSITE		285 U	A
Aldora Aluminum and Glass Products, Inc.	Miramar, FL	4718	COMPOSITE		285 U	A
Aldora Aluminum and Glass Products, Inc.	Orlando, FL	5579	COMPOSITE		285 U	A
All Team Glass & Mirror, Ltd.	Woodbridge, ON Canada	1757	COMPOSITE		450 U	A
Allglass Tempering Inc.	Schiller Park, IL	5838	COMPOSITE		600 U	A
Aluminum Technology Auxiliary Industries	Doha, Qatar	5084	COMPOSITE		125 U	A
American Insulated Glass Inc.	Conley, GA	5286	COMPOSITE		165 U	A
American Shower Door	Los Angeles, CA	3040	COMPOSITE		250 U	A
Anthony International	Madison, GA	2453	COMPOSITE		165 U	A
Ascent Glass Products (Zhong Shan) Limited	Zhongshan City, Guangdong Province	5869	COMPOSITE		285 U	A
ATN Holding Inc.	Mira Loma, CA	6263	COMPOSITE		250 U	A
AVIC Sanxin Co. Ltd.	Shenzhen, Guangdong, China	5768	COMPOSITE		285 U	A
Basco Engineered Products	Hamilton, OH	3811	COMPOSITE		200 U	A
Beijing Wuhua Tianbao Glass Co.	Beijing, China	5562	COMPOSITE		125 U	A
Berkowitz, J.E.	Pedricktown, NJ	2646	COMP+CAN		100 U	A
Blue Star Glass Inc.	North Brunswick, NJ	4520	COMPOSITE		100 U	A
Bronco Industries, Inc.	Delta, BC	5367	COMP+CAN		195 U	A
Cameron Glass, Inc.	Broken Arrow, OK	2032	COMP+CAN		500 U	A
Cardinal CG	Northfield, MN	4137	COMP+CAN		150 U	A
Cardinal CT	Adel, GA	6172	COMPOSITE		165 U	A
Cardinal LG	Amery, WI	4843	COMP+CAN		150 U	A
Cardinal Tempering	Louisville, KY	3874	COMPOSITE		175 U	A
Carey Glass International	Nenagh, Co. Tipperary	6000	COMP+CAN		100 U	A
Changshu Xingfu Glass Building Material Co., LTD	Changshu, Jiangsu, China	5152	COMP+CAN		165 U	A
Chicago Tempered Glass, Inc.	Chicago, IL	3089	COMPOSITE		200 U	A

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>	<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
<i>3/8 Inch Tempered Transparent Glass</i>						
Classy Glass Specialties Co., Ltd	Dongguan, Guangdong	5161	COMPOSITE		200 U	A
Clinton Glass Company	Knoxville, TN	5607	COMPOSITE		165 U	A
Columbia Commercial Bldg Prod.	Rockwall, TX	5615	COMP+CAN		175 U	A
Consolidated Glass Corp.	New Castle, PA	2003	COMP+CAN		285 U	A
Contour Industries, Inc.	Surgoinsville, TN	4702	COMP+CAN		285 U	A
Contract Glass	Billerica, MA	4974	COMPOSITE		100 U	A
Contractors Wardrobe	Valencia, CA	3469	COMP+CAN		250 U	A
Coral Industries Glass Division	Tuscaloosa, AL	2144	COMPOSITE		165 U	A
Cristec Vipla SL	Balaguer, Lleida	5697	COMPOSITE		100 U	A
D3 Glass, LLC	Fort Myers, FL	4792	COMPOSITE		285 U	A
Dallas Flat Glass	Carrollton, TX	4566	COMPOSITE		175 U	A
DDG Glass Manufacturing SDN BHD	Johor, Malaysia	5625	COMP+CAN		125 U	A
Denver Glass Interiors, Inc.	Englewood, CO	3867	COMPOSITE		175 U	A
Deqing Sanxing Plastic Chemical Co. Ltd.	Huzhou, Zhejiang, China	4147	COMPOSITE		750 U	A
Diamond Sea Glaze	Langley, BC Canada	4503	COMPOSITE		750 U	A
Dillmeier Enterprise, Inc.	Van Buren, AR	3914	COMPOSITE		175 U	A
Dongguan CSG Architectural Glass Co., Ltd.	Dongguan, Guangdong, China	3936	COMP+CAN		125 U	A
Dongguan Dongfa Glass Product Co., Ltd	Dongguan, Guangdong, China	4125	COMP+CAN		285 U	A
Downey Glass Industries, LLC	Pompano Beach, FL	2663	COMPOSITE		285 U	A
Eckelt Glas GmbH	Steyr, Austria	2852	COMPOSITE		100 U	A
EFI	Kernersville, NC	5210	COMP+CAN		165 U	A
Fairis C.A.	Ambato, Tungurahua, Ecuador	4429	COMPOSITE		285 U	A
Flat Glass Distributors	Jacksonville, FL	3825	COMPOSITE		285 U	A
Flat Glass Group Co., Ltd.	Jiaxing, Zhejiang	5524	COMPOSITE		125 U	A
Foshan Gaoming Yaqi Toughened Glass	Foshan City, Guangdong Province	6121	COMPOSITE		125 U	A
Foshan Nanhai Gangsheng Tempered Glass Factory	Foshan, Guangdong, China	4672	COMP+CAN	(IN)	125 U	A
Foshan NanHai ZhongKang YiMeiJia Glass Co. Ltd.	Foshan, Guangdong, China	5391	COMPOSITE		285 U	A
Garibaldi Glass Ind. Inc.	Burnaby, BC	4420	COMP+CAN		750 U	A
GGI Glass Distributors Corp.	Secaucus, NJ	2282	COMPOSITE		100 U	A
Glass & Mirror Craft	Wixom, MI	5598	COMP+CAN		150 U	A
Glass Design of Miami, Inc.	Miami, FL	3454	COMPOSITE		285 U	A
Glass Dynamics, Inc.	Stoneville, NC	2729	COMPOSITE		285 U	A
GlassFab Tempering Services Inc. Holly Drive	Tracy, CA	5988	COMPOSITE		125 U	A
GlassFab Tempering Services, Inc. Mariani Ct.	Tracy, CA	4892	COMPOSITE		125 U	A
Glasswerks LA, Inc.	Temecula, CA	6097	COMP+CAN		250 U	A
Glasswerks LA, Inc. East	South Gate, CA	5883	COMPOSITE		250 U	A
Glaz-Tech Industries, Inc.	Englewood, CO	5143	COMPOSITE		250 U	A
Glenny Glass Co.	Milford, OH	3845	COMPOSITE		200 U	A
Global Security Glazing	Selma, AL	4767	COMP+CAN		285 U	A
GnT Glass Co., Ltd.	Dongguan, Guangdong, China	5789	COMP+CAN		400 U	A
Goldray Industries Ltd.	Calgary, AB Canada	2448	COMP+CAN		195 U	A
GroupeVFG, a Trulite Glass and Aluminum Solutions Company	Bois-des-Filion, Quebec	6064	COMP+CAN		450 U	A
Guangdong Golden Glass Technologies	Shantou, Guangdong, China	3943	COMP+CAN		125 U	A
Guardian Fabrication Inc.	Webster, MA	471	COMPOSITE		100 U	A
Guardian Industries Corp.	Galax, VA	4609	COMP+CAN		285 U	A

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>	<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
<i>3/8 Inch Tempered Transparent Glass</i>						
Guardian Industries Corp.	Corsicana, TX	1253	COMP+CAN	175 U	A	
Guardian Industries Corp.	DeWitt, IA	2545	COMPOSITE	500 U	A	
Guardian Industries Corp.	Geneva, NY	2519	COMPOSITE	400 U	A	
Guardian Industries Corp.	Richburg, SC	1634	COMPOSITE	285 U	A	
Gulf Glass Industries, LLC	Sharjah, United Arab Emirates	4797	COMPOSITE	100 U	A	
Industrial Tempering Glass	Brooklyn, NY	3418	COMPOSITE	100 U	A	
Inkan Ltd	Brampton, ON	5137	COMP+CAN	800 U	A	
Innovative Glass of America, Inc.	Dallas, NC	3863	COMPOSITE	165 U	A	
Insulite Glass Co., Inc.	Olathe, KS	3716	COMPOSITE	150 U	A	
Interglass Corp	Miami, FL	5034	COMPOSITE	285 U	A	
Intex Glass (Xiamen) Co., Ltd.	Xiamen, Fujian, China	2576	COMP+CAN	200 U	A	
Jiangmen SYP Engineering Glass	Jiangmen, Guangdong, China	4307	COMP+CAN	125 U	A	
Jiangyin Mingyang Glass Production	Jiangyin City, Jiangsu	6203	COMPOSITE	125 U	A	
Jin Yao Chang Tempered Glass Co., Ltd	Guangdong	5684	COMPOSITE	250 U	A	
JM Glass	Hayward, CA	4930	COMPOSITE	125 U	A	
JYC Glass Co. Ltd.	Foshan, Guangdong, China	3962	COMP+CAN	125 U	A	
Kensington Glass Arts	Ijamsville, MD	5974	COMPOSITE	100 U	A	
Kohler Company	Union City, TN	2434	COMPOSITE	165 U	A	
M Industria S.A. DE C.V.	Merida, Yucatan Mexico	5411	COMPOSITE	285 U	A	
M&M Tempering Inc.	Loganville, GA	4281	COMPOSITE	165 U	A	
M3 Glass Technologies	Irving, TX	5946	COMPOSITE	175 U	A	
Maryland Glass & Mirror	Baltimore, MD	4321	COMPOSITE	100 U	A	
McGrory Glass	Paulsboro, NJ	4814	COMPOSITE	100 U	A	
Mega Tempering	Brooklyn, NY	4300	COMPOSITE	100 U	A	
Mercer Glass Fab LLC	Trenton, NJ	4255	COMPOSITE	100 U	A	
Midwest Glass Fabricators Inc.	Highland, MI	6031	COMP+CAN	200 U	A	
Multiver	Vanier, QC	5227	COMPOSITE	400 U	A	
Nashville Tempered Glass Corp.	Nashville, TN	2494	COMP+CAN	285 U	A	
Nashville Tempered Glass LLC	Hendersonville, TN	2694	COMP+CAN	285 U	A	
New Angle Beveling	Hyde, PA	4591	COMPOSITE	100 U	A	
New Angle Beveling	Clearfield, PA	5775	COMPOSITE	100 U	A	
New Century Glass & Aluminum LLC	Woodside, NY	5457	COMPOSITE	400 U	A	
NY Tempering LLC	Maspeth, NY	4902	COMPOSITE	800 U	A	
Oldcastle BuildingEnvelope®	Covington, GA	3333	COMP+CAN	165 U	A	
Oldcastle BuildingEnvelope®	Hauppauge, NY	1549	COMP+CAN	400 U	A	
Oldcastle BuildingEnvelope®	Shawnee, OK	3099	COMP+CAN	175 U	A	
Oldcastle BuildingEnvelope®	Phoenix, AZ	3132	COMP+CAN	125 U	A	
Oldcastle BuildingEnvelope®	Warrenton, MO	3148	COMP+CAN	500 U	A	
Oldcastle BuildingEnvelope®	Houston, TX	3160	COMP+CAN	175 U	A	
Oldcastle BuildingEnvelope®	Grand Prairie, TX	3255	COMP+CAN	175 U	A	
Oldcastle BuildingEnvelope®	Denver, CO	3314	COMP+CAN	125 U	A	
Oldcastle BuildingEnvelope®	Wright City, MO	3142	COMP+CAN	150 U	A	
Oldcastle BuildingEnvelope®	Fremont, CA	3195	COMP+CAN	125 U	A	
Oldcastle BuildingEnvelope®	Miami, FL	3499	COMP+CAN	285 U	A	
Oldcastle BuildingEnvelope®	Tampa, FL	3120	COMP+CAN	285 U	A	
Oldcastle BuildingEnvelope®	Schofield, WI	3172	COMP+CAN	600 U	A	
Oldcastle BuildingEnvelope®	Langley, BC	3291	COMP+CAN	750 U	A	
Oldcastle BuildingEnvelope®	Indianapolis, IN	2213	COMP+CAN	150 U	A	
Oldcastle BuildingEnvelope®	Vancouver, WA	3224	COMP+CAN	195 U	A	
Oldcastle BuildingEnvelope®	Los Angeles, CA	515	COMP+CAN	125 U	A	
Oldcastle BuildingEnvelope®	Perrysburg, OH	3237	COMP+CAN	100 U	A	

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>	<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
3/8 Inch Tempered Transparent Glass						
Oldcastle BuildingEnvelope®	Albertville, MN	3108	COMP+CAN		150 U	A
Oldcastle BuildingEnvelope®	Calgary, AB	3268	COMP+CAN		750 U	A
Oldcastle BuildingEnvelope®	Concord, ON	3444	COMP+CAN		100 U	A
Oldcastle BuildingEnvelope®	Moorestown, NJ	3184	COMP+CAN		100 U	A
Oldcastle BuildingEnvelope®	Rock Hill, SC	3279	COMP+CAN		165 U	A
Oldcastle BuildingEnvelope® Canada Inc.	Pointe-aux-Trembles, QC	2544	COMP+CAN		100 U	A
Paragon Tempered Glass	Antwerp, OH	2688	COMPOSITE		500 U	A
PFG Glass	Langley, BC	3543	COMP+CAN		750 U	A
PPG Inds., Inc.	Wichita Falls, TX	3578	COMPOSITE		175 U	A
Prelco Inc.	Riviere-du-loup, QC	2381	COMP+CAN		800 U	A
Prelco Inc.	Saint-Jacques, NB	4916	COMP+CAN		800 U	A
PRESS GLASS SA	Tychy, Poland	5855	COMP+CAN		800 U	A
PRESS GLASS SA	Radomsko, Poland	5848	COMP+CAN		800 U	A
Productos De Valor Agregado en Cristal S.A. de C.V.	San Juan Ixhuatepec, Tlalnepantla, Mexico	4640	COMPOSITE		175 U	A
Produits Verrier International Inc.	Montreal, Quebec	5502	COMP+CAN		100 U	A
Qingdao Apis Glass Industries Co.	Qingdao, Shandong China	5530	COMPOSITE		285 U	A
Qingdao Jinjing Co., Ltd.	Qingdao City, Shandong China	6199	COMP+CAN		125 U	A
Quality Enclosures Tempering, Inc.	Port Orange, FL	6245	COMPOSITE		165 U	A
Quality Glass & Mirror, Inc.	Mount Prospect, IL	2983	COMPOSITE		500 U	A
Ready Glass & Mirror, Inc.	Hialeah, FL	3747	COMPOSITE		285 U	A
Reem Emirates Aluminum & Glass	Abu Dhabi, United Arab Emirates	4677	COMPOSITE		150 U	A
RF Supply, Inc.	Bradenton, FL	4226	COMPOSITE		285 U	A
Rizhao Huaye Glass Co., Ltd.	Rizhao, Shandong	5570	COMP+CAN		285 U	A
Robover Inc.	Quebec City, QC	5763	COMP+CAN		450 U	A
S.F. Tempering	Dania Beach, FL	5020	COMPOSITE		285 U	A
SAAND London	London, ON Canada	3981	COMP+CAN		400 U	A
SAAND Ottawa	Stittsville, ON	4953	COMP+CAN		400 U	A
SAAND Rexdale	Rexdale, ON	4999	COMP+CAN		400 U	A
SAAND Toronto	Toronto, ON Canada	4357	COMP+CAN		400 U	A
SCHOTT Gemtron (Canada) Corporation	Midland, ON Canada	6021	COMP+CAN		100 U	A
Shanghai SYP Engineering Glass	Shanghai, China	4071	COMP+CAN		125 U	A
Shanghai Zhenzhen Glassware Co., LTD.	Shanghai, China	6126	COMP+CAN		195 U	A
Shenzhen Kaitai Glass Co. Ltd	Shenzhen, China	5438	COMPOSITE		285 U	A
Shower Doors & More Inc.	Fort Lauderdale, FL	5758	COMPOSITE		285 U	A
SIGCO, Inc.	Westbrook, ME	2965	COMPOSITE		100 U	A
Sky Land Tempering Glass Corp	Long Island City, NY	5469	COMPOSITE		100 U	A
Solar Seal Massachusetts	South Easton, MA	1036	COMPOSITE		800 U	A
Solar Seal Virginia	Stafford, VA	5725	COMPOSITE		100 U	A
Stargrup Cam A.S.	Arnavutkoy, Istanbul	6205	COMPOSITE		285 U	A
Sterling Mirror Company, LLC	Stevensville, MD	6184	COMP+CAN		800 U	A
Strong Tempering Glass Industry LLC	Brooklyn, NY	5942	COMPOSITE		100 U	A
Swift Glass Co., Inc.	Elmira Heights, NY	1558	COMPOSITE		400 U	A
Syracuse Glass Co., Inc.	Syracuse, NY	2958	COMP+CAN		400 U	A
Tacoma Glass Mfg. Inc.	Lakewood, WA	4731	COMPOSITE		195 U	A
Tacoma Glass Mfg. Inc.	Burlington, WA	5166	COMPOSITE		195 U	A
Tai Sheng (Dong Guan) Glass Co.,Ltd	Dongguan, Guangdong, China	5486	COMP+CAN		285 U	A
Taiwan Glass Industry Corp.	Taipei, Taiwan, China	3890	COMP+CAN		750 U	A
Techni-Glass, Inc.	Surgoinsville, TN	3062	COMP+CAN		285 U	A
Tecnoglass S.A.	Barranquilla, Colombia	1995	COMP+CAN		285 U	A

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>	<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
<i>3/8 Inch Tempered Transparent Glass</i>						
Tempco Glass	Flushing, NY	5012	COMPOSITE		400 U	A
Texas Tempered, a Trulite Glass and Aluminum Solutions Company	Houston, TX	4850	COMPOSITE		175 U	A
The Original Frameless Shower Door	Coral Springs, FL	4662	COMPOSITE		285 U	A
Thermal Seal Insulating Glass	Uxbridge, MA	5735	COMPOSITE		285 U	A
Thompson I.G. LLC.	Fenton, MI	5298	COMP+CAN		100 U	A
Tianjin CSG Energy Conservation Glass Co., Ltd	Tianjin, China	4025	COMPOSITE		100 U	A
Tianjin SYP Engineering Glass Co., Ltd.	Tianjin, China	4078	COMP+CAN		125 U	A
Tri-Star Glass, Inc.	Catoosa, OK	4008	COMPOSITE		175 U	A
Triton Glass LLC	Albemarle, NC	5693	COMPOSITE		165 U	A
Triview Glass Industries	City of Industry, CA	5043	COMP+CAN		250 U	A
Troy Systems LLC	Manassas, VA	4062	COMPOSITE		100 U	A
Trulite Glass and Aluminum Solutions	San Antonio, TX	3327	COMPOSITE		175 U	A
Trulite Glass and Aluminum Solutions	Fremont, CA	5797	COMPOSITE		125 U	A
Trulite Glass and Aluminum Solutions	Knoxville, TN	4158	COMPOSITE		285 U	A
Trulite Glass and Aluminum Solutions	Fresno, CA	5825	COMPOSITE		125 U	A
Trulite Glass and Aluminum Solutions	Sacramento, CA	5812	COMPOSITE	IN	125 U	A
Trulite Glass and Aluminum Solutions	Tulsa, OK	5446	COMPOSITE		175 U	A
Trulite Glass and Aluminum Solutions	Cheswick, PA	1787	COMPOSITE		100 U	A
Trulite Glass and Aluminum Solutions	Indianapolis, IN	4754	COMPOSITE		200 U	A
Trulite Glass and Aluminum Solutions	Houston, TX	3927	COMP+CAN		175 U	A
Trulite Glass and Aluminum Solutions	Youngsville, NC	5275	COMPOSITE		165 U	A
Trulite Glass and Aluminum Solutions	Grenada, MS	2840	COMPOSITE		500 U	A
Trulite Glass and Aluminum Solutions	Las Vegas, NV	4214	COMPOSITE		250 U	A
Trulite Glass and Aluminum Solutions	Phoenix, AZ	5703	COMPOSITE		250 U	A
Trulite Glass and Aluminum Solutions	Salt Lake City, UT	5339	COMPOSITE		125 U	A
Trulite Glass and Aluminum Solutions	New Berlin, WI	5321	COMPOSITE		150 U	A
Trulite Glass and Aluminum Solutions	Vaughan, ON	5511	COMP+CAN		450 U	A
Trulite Glass and Aluminum Solutions	City of Industry, CA	4186	COMPOSITE		250 U	A
Trulite Glass and Aluminum Solutions	Aurora, CO	5344	COMPOSITE		175 U	A
Trulite Glass and Aluminum Solutions	Orlando, FL	5186	COMPOSITE		285 U	A
Trulite Glass and Aluminum Solutions	Fort Worth, TX	5400	COMPOSITE		175 U	A
Trulite Glass and Aluminum Solutions	Lithia Springs, GA	6104	COMP+CAN		165 U	A
Tweddells Inc.	Santa Ana, CA	5386	COMP+CAN		250 U	A
U.S. Glass Distributors Inc.	Enfield, CT	5925	COMP+CAN		400 U	A
United Plate Glass Co., Inc.	Butler, PA	2470	COMPOSITE		800 U	A
United Plate Glass Company of Charlotte	Lincolnton, NC	3951	COMP+CAN		165 U	A
Unitex Glass Chengdu Co., Ltd	Chendu, Sichuan, China	5414	COMPOSITE		200 U	A
Upstate Glass Tempering Inc.	Middletown, NY	4927	COMPOSITE		400 U	A
Vidrio Bisel S.A. de C.V.	Santa Catarina, Nuevo Leon, Mexico	4967	COMPOSITE		175 U	A
Vidrios el Castillo SC de RL de CV	Escobedo, Nuevo Leon, Mexico	5781	COMP+CAN		175 U	A
Viracon Inc.	Owatonna, MN	1508	COMP+CAN		150 U	A
Viracon Inc.	Statesboro, GA	2311	COMP+CAN		165 U	A
Viracon Inc.	St. George, UT	5557	COMPOSITE		125 U	A
Virginia Glass Products Corp.	Martinsville, VA	93	COMPOSITE		100 U	A
Vitemex	Reynosa, Tamaulipas Mexico	5394	COMPOSITE		175 U	A
Vitra Vidrios Transformados SA de CV	Cortes, Honduras	4654	COMPOSITE		285 U	A
W. A. Wilson Inc.	Wheeling, WV	4172	COMPOSITE		200 U	A
Whalley Glass Co	Derby, CT	6229	COMPOSITE		100 U	A
Wholesale Glass Dist.	Memphis, TN	4381	COMPOSITE		150 U	A

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>	<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
<i>3/8 Inch Tempered Transparent Glass</i>						
Wisconsin Shower Door & Supply Corp	Menomonee Falls, WI	5589	COMPOSITE	600 U	A	
Wolverine Glass Products, Inc.	Grand Rapids, MI	5430	COMP+CAN	200 U	A	
WSD Glass, Inc.	Winston-Salem, NC	4052	COMPOSITE	165 U	A	
Wujiang Golden Glass Technologies, Ltd.	Wujiang City,	5253	COMPOSITE	125 U	A	
Xianning CSG Energy Conservation Glass Co., LTD.	Xianning, Hubei	5980	COMPOSITE	125 U	A	
Xinyi Glass (Tianjin) Co. Ltd.	Tianjin, China	5535	COMP+CAN	195 U	A	
Xinyi Group (Glass) Co., Ltd.	Dongguan, Guangdong, China	3054	COMP+CAN	165 U	A	
Yao Xiang Glass Product Co. Ltd.	Foshan, Guangdong, China	3740	COMP+CAN	285 U	A	
Yong Feng Tai Foshan City Glas Co., LTD.	Foshan, Guangdong, China	5893	COMPOSITE	285 U	A	
Zhangjiagang City Daming Glass Product Co., Ltd	Zhangjiagang City, Jiangsu	5465	COMP+CAN	285 U	A	
Zhejiang Zhongli Energy Efficient Glass Mfg. Co., Ltd	Hangzhou, Zhejiang, China	5080	COMP+CAN	125 U	A	
<i>1/2 Inch Tempered Transparent Glass</i>						
A.L. Smith Glass Co. Inc.	Ijamsville, MD	6145	COMPOSITE	800 U	A	
AGNORA (Architectural Glass North America)	Collingwood, ON Canada	4884	COMP+CAN	450 U	A	
Al Abbar Architectural Glass	Dubai, United Arab Emirates	4590	COMPOSITE	100 U	A	
Aldora Aluminum and Glass Products Inc.	Charleston, SC	4336	COMPOSITE	285 U	A	
Aldora Aluminum and Glass Products, Inc.	Miramar, FL	4719	COMPOSITE	285 U	A	
Aldora Aluminum and Glass Products, Inc.	Orlando, FL	5577	COMPOSITE	285 U	A	
All Team Glass & Mirror, Ltd.	Woodbridge, ON Canada	1758	COMPOSITE	450 U	A	
Allglass Tempering Inc.	Schiller Park, IL	5839	COMPOSITE	600 U	A	
Aluminum Technology Auxiliary Industries	Doha, Qatar	5212	COMPOSITE	125 U	A	
American Insulated Glass Inc.	Conley, GA	5287	COMPOSITE	165 U	A	
American Shower Door	Los Angeles, CA	3041	COMPOSITE	250 U	A	
ATN Holding Inc.	Mira Loma, CA	6264	COMPOSITE	250 U	A	
AVIC Sanxin Co. Ltd.	Shenzhen, Guangdong, China	5769	COMPOSITE	285 U	A	
Basco Engineered Products	Hamilton, OH	3812	COMPOSITE	200 U	A	
Beijing Wuhua Tianbao Glass Co.	Beijing, China	5563	COMPOSITE	125 U	A	
Berkowitz, J.E.	Pedricktown, NJ	1991	COMP+CAN	100 U	A	
Blue Star Glass Inc.	North Brunswick, NJ	4521	COMPOSITE	100 U	A	
Bronco Industries, Inc.	Delta, BC	5368	COMP+CAN	195 U	A	
Cameron Glass, Inc.	Broken Arrow, OK	2033	COMP+CAN	500 U	A	
Cardinal CT	Adel, GA	6173	COMPOSITE	165 U	A	
Cardinal LG	Amery, WI	4844	COMP+CAN	150 U	A	
Cardinal Tempering	Louisville, KY	3875	COMPOSITE	175 U	A	
Chicago Tempered Glass, Inc.	Chicago, IL	3090	COMPOSITE	200 U	A	
Classy Glass Specialties Co., Ltd	Dongguan, Guangdong	5162	COMPOSITE	200 U	A	
Clinton Glass Company	Knoxville, TN	5608	COMPOSITE	165 U	A	
Columbia Commercial Bldg Prod.	Rockwall, TX	5616	COMP+CAN	175 U	A	
Consolidated Glass Corp.	New Castle, PA	2004	COMP+CAN	285 U	A	
Contract Glass	Billerica, MA	4975	COMPOSITE	100 U	A	
Contractors Wardrobe	Valencia, CA	3470	COMP+CAN	250 U	A	
Coral Industries Glass Division	Tuscaloosa, AL	2145	COMPOSITE	165 U	A	
Cristec Vipla SL	Balaguer, Lleida	5698	COMPOSITE	100 U	A	
Custom Glass Products Inc.	Weston, WI	6052	COMPOSITE	600 U	A	

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>	<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
<i>1/2 Inch Tempered Transparent Glass</i>						
D3 Glass, LLC	Fort Myers, FL	4793	COMPOSITE		285 U	A
Dallas Flat Glass	Carrollton, TX	4567	COMPOSITE		175 U	A
DDG Glass Manufacturing SDN BHD	Johor, Malaysia	5626	COMP+CAN		125 U	A
Denver Glass Interiors, Inc.	Englewood, CO	3868	COMPOSITE		175 U	A
Diamond Sea Glaze	Langley, BC Canada	4504	COMPOSITE		750 U	A
Dillmeier Enterprise, Inc.	Van Buren, AR	3915	COMPOSITE		175 U	A
Dlubak Corporation	Blairsville, PA	3018	COMPOSITE		100 U	A
Dongguan CSG Architectural Glass Co., Ltd.	Dongguan, Guangdong, China	3937	COMP+CAN		125 U	A
Dongguan Dongfa Glass Product Co., Ltd	Dongguan, Guangdong, China	4126	COMP+CAN		285 U	A
Downey Glass Industries, LLC	Pompano Beach, FL	2664	COMPOSITE		285 U	A
EFI	Kernersville, NC	5211	COMP+CAN		165 U	A
Flat Glass Distributors	Jacksonville, FL	3826	COMPOSITE		285 U	A
Flat Glass Group Co., Ltd.	Jiaxing, Zhejiang	5525	COMPOSITE		125 U	A
Foshan Gaoming Yaqi Toughened Glass	Foshan City, Guangdong Province	6122	COMPOSITE		125 U	A
Foshan Nanhai Gangsheng Tempered Glass Factory	Foshan, Guangdong, China	5549	COMP+CAN	(IN)	125 U	A
Foshan NanHai ZhongKang YiMeiJia Glass Co. Ltd.	Foshan, Guangdong, China	5392	COMPOSITE		285 U	A
Garibaldi Glass Ind. Inc.	Burnaby, BC	4421	COMP+CAN		750 U	A
General Glass	Portland, OR	5751	COMPOSITE		195 U	A
GGI Glass Distributors Corp.	Secaucus, NJ	2228	COMPOSITE		100 U	A
GLASPRO	Santa Fe Springs, CA	6048	COMP+CAN		0 U	A
Glass & Mirror Craft	Wixom, MI	4202	COMP+CAN		150 U	A
Glass Design of Miami, Inc.	Miami, FL	3607	COMPOSITE		285 U	A
Glass Dynamics, Inc.	Stoneville, NC	2733	COMPOSITE		285 U	A
GlassFab Tempering Services Inc. Holly Drive	Tracy, CA	5989	COMPOSITE		125 U	A
GlassFab Tempering Services, Inc. Mariani Ct.	Tracy, CA	4890	COMPOSITE		125 U	A
Glasswerks LA, Inc.	Temecula, CA	6098	COMP+CAN		250 U	A
Glasswerks LA, Inc. East	South Gate, CA	5884	COMPOSITE		250 U	A
Glaz-Tech Industries, Inc.	Englewood, CO	2189	COMPOSITE		250 U	A
Glenny Glass Co.	Milford, OH	3846	COMPOSITE		200 U	A
Global Security Glazing	Selma, AL	4768	COMP+CAN		285 U	A
GnT Glass Co., Ltd.	Dongguan, Guangdong, China	5790	COMP+CAN		400 U	A
Goldray Industries Ltd.	Calgary, AB Canada	2449	COMP+CAN		195 U	A
GroupeVFG, a Trulite Glass and Aluminum Solutions Company	Bois-des-Filion, Quebec	6065	COMP+CAN		450 U	A
Guangdong Golden Glass Technologies	Shantou, Guangdong, China	3944	COMP+CAN		125 U	A
Guardian Fabrication Inc.	Webster, MA	1235	COMPOSITE		100 U	A
Guardian Industries Corp.	DeWitt, IA	2649	COMPOSITE		500 U	A
Guardian Industries Corp.	Geneva, NY	3673	COMPOSITE		400 U	A
Guardian Industries Corp.	Corsicana, TX	1803	COMP+CAN		175 U	A
Guardian Industries Corp.	Galax, VA	4610	COMP+CAN		285 U	A
Industrial Tempering Glass	Brooklyn, NY	3419	COMPOSITE		100 U	A
Inkan Ltd	Brampton, ON	5138	COMP+CAN		800 U	A
Innovative Glass of America, Inc.	Dallas, NC	3864	COMPOSITE		165 U	A
Insulite Glass Co., Inc.	Olathe, KS	3717	COMPOSITE		150 U	A
Interglass Corp	Miami, FL	5035	COMPOSITE		285 U	A
Intex Glass (Xiamen) Co., Ltd.	Xiamen, Fujian, China	2577	COMP+CAN		200 U	A
Jiangmen SYP Engineering Glass	Jiangmen, Guangdong, China	4308	COMP+CAN		125 U	A

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1/2 Inch Tempered Transparent Glass						
JM Glass	Hayward, CA	4931	COMPOSITE		125 U	A
JYC Glass Co. Ltd.	Foshan, Guangdong, China	3963	COMP+CAN		125 U	A
Kensington Glass Arts	Ijamsville, MD	5975	COMPOSITE		100 U	A
Kohler Company	Union City, TN	4012	COMPOSITE		165 U	A
M Industria S.A. DE C.V.	Merida, Yucatan Mexico	6147	COMPOSITE		285 U	A
M&M Tempering Inc.	Loganville, GA	4282	COMPOSITE		165 U	A
M3 Glass Technologies	Irving, TX	5947	COMPOSITE		175 U	A
Maryland Glass & Mirror	Baltimore, MD	4322	COMPOSITE		100 U	A
McGrory Glass	Paulsboro, NJ	4815	COMPOSITE		100 U	A
Mega Tempering	Brooklyn, NY	4301	COMPOSITE		100 U	A
Mercer Glass Fab LLC	Trenton, NJ	4256	COMPOSITE		100 U	A
Midwest Glass Fabricators Inc.	Highland, MI	6032	COMP+CAN		200 U	A
Multiver	Vanier, QC	5228	COMPOSITE		400 U	A
Nashville Tempered Glass LLC	Hendersonville, TN	4148	COMP+CAN		285 U	A
New Angle Beveling	Hyde, PA	4592	COMPOSITE		100 U	A
New Angle Beveling	Clearfield, PA	5776	COMPOSITE		100 U	A
New Century Glass & Aluminum LLC	Woodside, NY	5458	COMPOSITE		400 U	A
NY Tempering LLC	Maspeth, NY	4903	COMPOSITE		800 U	A
Oldcastle BuildingEnvelope®	Tampa, FL	3121	COMP+CAN		285 U	A
Oldcastle BuildingEnvelope®	Rock Hill, SC	3280	COMP+CAN		165 U	A
Oldcastle BuildingEnvelope®	Shawnee, OK	3100	COMP+CAN		175 U	A
Oldcastle BuildingEnvelope®	Albertville, MN	3109	COMP+CAN		150 U	A
Oldcastle BuildingEnvelope®	Wright City, MO	3143	COMP+CAN		150 U	A
Oldcastle BuildingEnvelope®	Indianapolis, IN	2214	COMP+CAN		150 U	A
Oldcastle BuildingEnvelope®	Schofield, WI	3173	COMP+CAN		600 U	A
Oldcastle BuildingEnvelope®	Langley, BC	3292	COMP+CAN		750 U	A
Oldcastle BuildingEnvelope®	Covington, GA	3334	COMP+CAN		165 U	A
Oldcastle BuildingEnvelope®	Miami, FL	3500	COMP+CAN		285 U	A
Oldcastle BuildingEnvelope®	Perrysburg, OH	3238	COMP+CAN		100 U	A
Oldcastle BuildingEnvelope®	Calgary, AB	3269	COMP+CAN		750 U	A
Oldcastle BuildingEnvelope®	Los Angeles, CA	516	COMP+CAN		125 U	A
Oldcastle BuildingEnvelope®	Phoenix, AZ	3133	COMP+CAN		125 U	A
Oldcastle BuildingEnvelope®	Vancouver, WA	3225	COMP+CAN		195 U	A
Oldcastle BuildingEnvelope®	Warrenton, MO	3149	COMP+CAN		500 U	A
Oldcastle BuildingEnvelope®	Moorestown, NJ	3185	COMP+CAN		100 U	A
Oldcastle BuildingEnvelope®	Hauppauge, NY	1550	COMP+CAN		400 U	A
Oldcastle BuildingEnvelope®	Denver, CO	3315	COMP+CAN		125 U	A
Oldcastle BuildingEnvelope®	Fremont, CA	3196	COMP+CAN		125 U	A
Oldcastle BuildingEnvelope®	Houston, TX	3161	COMP+CAN		175 U	A
Oldcastle BuildingEnvelope®	Grand Prairie, TX	3256	COMP+CAN		175 U	A
Oldcastle BuildingEnvelope®	Concord, ON	3445	COMP+CAN		100 U	A
Oldcastle BuildingEnvelope® Canada Inc.	Pointe-aux-Trembles, QC	2062	COMP+CAN		100 U	A
PFG Glass	Langley, BC	3544	COMP+CAN		750 U	A
Prelco Inc.	Riviere-du-loup, QC	2048	COMP+CAN		800 U	A
Prelco Inc.	Saint-Jacques, NB	4917	COMP+CAN		800 U	A
PRESS GLASS SA	Tychy, Poland	5856	COMP+CAN		800 U	A
PRESS GLASS SA	Radomsko, Poland	5849	COMP+CAN		800 U	A
Productos De Valor Agregado en Cristal S.A. de C.V.	San Juan Ixhuatepec, Tlalnepantla, Mexico	4641	COMPOSITE		175 U	A
Produits Verrier International Inc.	Montreal, Quebec	5503	COMP+CAN		100 U	A
Qingdao Apis Glass Industries Co.	Qingdao, Shandong China	5531	COMPOSITE		285 U	A
Quality Enclosures Tempering, Inc.	Port Orange, FL	6246	COMPOSITE		165 U	A

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<i>1/2 Inch Tempered Transparent Glass</i>						
Quality Glass & Mirror, Inc.	Mount Prospect, IL	2984	COMPOSITE		500 U	A
Ready Glass & Mirror, Inc.	Hialeah, FL	3748	COMPOSITE		285 U	A
RF Supply, Inc.	Bradenton, FL	4227	COMPOSITE		285 U	A
Rizhao Huaye Glass Co., Ltd.	Rizhao, Shandong	5571	COMP+CAN		285 U	A
Robover Inc.	Quebec City, QC	5764	COMP+CAN		450 U	A
S.F. Tempering	Dania Beach, FL	5021	COMPOSITE		285 U	A
SAAND Ottawa	Stittsville, ON	4954	COMP+CAN		400 U	A
SAAND Rexdale	Rexdale, ON	5000	COMP+CAN		400 U	A
SAAND Toronto	Toronto, ON Canada	4358	COMP+CAN		400 U	A
Shanghai SYP Engineering Glass	Shanghai, China	4072	COMP+CAN		125 U	A
Shenzhen Kaitai Glass Co. Ltd	Shenzhen, China	5439	COMPOSITE		285 U	A
Shower Doors & More Inc.	Fort Lauderdale, FL	5759	COMPOSITE		285 U	A
SIGCO, Inc.	Westbrook, ME	2966	COMPOSITE		100 U	A
Sky Land Tempering Glass Corp	Long Island City, NY	5470	COMPOSITE		100 U	A
Solar Seal Massachusetts	South Easton, MA	1037	COMPOSITE		800 U	A
Solar Seal Virginia	Stafford, VA	5726	COMPOSITE		100 U	A
Stargrup Cam A.S.	Arnavutkoy, Istanbul	6206	COMPOSITE		285 U	A
Sterling Mirror Company, LLC	Stevensville, MD	6185	COMP+CAN		800 U	A
Strong Tempering Glass Industry LLC	Brooklyn, NY	5941	COMPOSITE		100 U	A
Swift Glass Co., Inc.	Elmira Heights, NY	1559	COMPOSITE		400 U	A
Syracuse Glass Co., Inc.	Syracuse, NY	2657	COMP+CAN		400 U	A
Tacoma Glass Mfg. Inc.	Burlington, WA	5167	COMPOSITE		195 U	A
Tacoma Glass Mfg. Inc.	Lakewood, WA	4732	COMPOSITE		195 U	A
Tai Sheng (Dong Guan) Glass Co.,Ltd	Dongguan, Guangdong, China	5604	COMP+CAN		285 U	A
Taiwan Glass Industry Corp.	Taipei, Taiwan, China	3891	COMP+CAN		750 U	A
Techni-Glass, Inc.	Surgoinsville, TN	4509	COMP+CAN		285 U	A
Tecnoglass S.A.	Barranquilla, Colombia	2135	COMP+CAN		285 U	A
Tempco Glass	Flushing, NY	5013	COMPOSITE		400 U	A
Texas Tempered, a Trulite Glass and Aluminum Solutions Company	Houston, TX	4851	COMPOSITE		175 U	A
The Original Frameless Shower Door	Coral Springs, FL	4663	COMPOSITE		285 U	A
Thermal Seal Insulating Glass	Uxbridge, MA	5736	COMPOSITE		285 U	A
Thompson I.G. LLC.	Fenton, MI	5299	COMP+CAN		100 U	A
Tianjin CSG Energy Conservation Glass Co., Ltd	Tianjin, China	4026	COMPOSITE		100 U	A
Tianjin Northglass Industrial Technical Co., Ltd	Tianjin, China	5221	COMPOSITE		175 U	A
Tri-Star Glass, Inc.	Catoosa, OK	4009	COMPOSITE		175 U	A
Triton Glass LLC	Albemarle, NC	5694	COMPOSITE		165 U	A
Triview Glass Industries	City of Industry, CA	5044	COMP+CAN		250 U	A
Troy Systems LLC	Manassas, VA	4063	COMPOSITE		100 U	A
Trulite Glass and Aluminum Solutions	Sacramento, CA	5813	COMPOSITE	(IN)	125 U	A
Trulite Glass and Aluminum Solutions	Knoxville, TN	4159	COMPOSITE		285 U	A
Trulite Glass and Aluminum Solutions	Fort Worth, TX	5401	COMPOSITE		175 U	A
Trulite Glass and Aluminum Solutions	Indianapolis, IN	4753	COMPOSITE		200 U	A
Trulite Glass and Aluminum Solutions	Vaughan, ON	5782	COMP+CAN		450 U	A
Trulite Glass and Aluminum Solutions	Lithia Springs, GA	6105	COMP+CAN		165 U	A
Trulite Glass and Aluminum Solutions	Aurora, CO	5345	COMPOSITE		175 U	A
Trulite Glass and Aluminum Solutions	City of Industry, CA	4187	COMPOSITE		250 U	A
Trulite Glass and Aluminum Solutions	San Antonio, TX	4277	COMPOSITE		175 U	A
Trulite Glass and Aluminum Solutions	Orlando, FL	5187	COMPOSITE		285 U	A
Trulite Glass and Aluminum Solutions	Fresno, CA	5826	COMPOSITE		125 U	A
Trulite Glass and Aluminum Solutions	Fremont, CA	5798	COMPOSITE		125 U	A

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<i>1/2 Inch Tempered Transparent Glass</i>						
Trulite Glass and Aluminum Solutions	New Berlin, WI	5322	COMPOSITE		150 U	A
Trulite Glass and Aluminum Solutions	Houston, TX	3928	COMP+CAN		175 U	A
Trulite Glass and Aluminum Solutions	Columbus, OH	4748	COMPOSITE		200 U	A
Trulite Glass and Aluminum Solutions	Youngsville, NC	5276	COMPOSITE		165 U	A
Trulite Glass and Aluminum Solutions	Phoenix, AZ	5704	COMPOSITE		250 U	A
Trulite Glass and Aluminum Solutions	Salt Lake City, UT	5340	COMPOSITE		125 U	A
Trulite Glass and Aluminum Solutions	Las Vegas, NV	4215	COMPOSITE		250 U	A
Trulite Glass and Aluminum Solutions	Tulsa, OK	5447	COMPOSITE		175 U	A
Trulite Glass and Aluminum Solutions	Cheswick, PA	1788	COMPOSITE		100 U	A
U.S. Glass Distributors Inc.	Enfield, CT	5926	COMP+CAN		400 U	A
United Plate Glass Co., Inc.	Butler, PA	2471	COMPOSITE		800 U	A
United Plate Glass Company of Charlotte	Lincolnton, NC	3952	COMP+CAN		165 U	A
Upstate Glass Tempering Inc.	Middletown, NY	5158	COMPOSITE		400 U	A
Viracon Inc.	Owatonna, MN	1509	COMP+CAN		150 U	A
Virginia Glass Products Corp.	Martinsville, VA	94	COMPOSITE		100 U	A
Vitemex	Reynosa, Tamaulipas Mexico	5395	COMPOSITE		175 U	A
Vitra Vidrios Transformados SA de CV	Cortes, Honduras	4655	COMPOSITE		285 U	A
W. A. Wilson Inc.	Wheeling, WV	4173	COMPOSITE		200 U	A
Wholesale Glass Dist.	Memphis, TN	4382	COMPOSITE		150 U	A
Wisconsin Shower Door & Supply Corp	Menomonee Falls, WI	5590	COMPOSITE		600 U	A
Wolverine Glass Products, Inc.	Grand Rapids, MI	5431	COMP+CAN		200 U	A
WSD Glass, Inc.	Winston-Salem, NC	4050	COMPOSITE		165 U	A
Wujiang Golden Glass Technologies, Ltd.	Wujiang City,	5254	COMPOSITE		125 U	A
Xianning CSG Energy Conservation Glass Co., LTD.	Xianning, Hubei	5981	COMPOSITE		125 U	A
Xinyi Glass (Tianjin) Co. Ltd.	Tianjin, China	5536	COMP+CAN		195 U	A
Yao Xiang Glass Product Co. Ltd.	Foshan, Guangdong, China	3741	COMP+CAN		285 U	A
Zhangjiagang City Daming Glass Product Co., Ltd	Zhangjiagang City, Jiangsu	5466	COMP+CAN		285 U	A
Zhejiang Zhongli Energy Efficient Glass Mfg. Co., Ltd	Hangzhou, Zhejiang, China	5081	COMP+CAN		125 U	A
<i>12 mm Tempered Transparent Glass (Conforms to thickness tolerance other than ASTM C1036)</i>						
Eckelt Glas GmbH	Steyr, Austria	2853	COMPOSITE	(3)	100 U	A
Gulf Glass Industries, LLC	Sharjah, United Arab Emirates	4798	COMPOSITE	(7)	100 U	A
Qinhuangdao Mingjingyuan Safety Technology Glass Co., Ltd	Qinhuangdao, Hebei, China	5129	COMP+CAN	(3)	150 U	A
Tianjin SYP Engineering Glass Co., Ltd.	Tianjin, China	4079	COMP+CAN	(3)	125 U	A
Xinyi Group (Glass) Co., Ltd.	Dongguan, Guangdong, China	3055	COMP+CAN	(4)	165 U	A
<i>1/2 Inch Tempered Transparent Glass</i>						
Anthony International	Madison, GA	5018	COMPOSITE		165 U	A
<i>5/8 Inch Tempered Transparent Glass</i>						
Rizhao Huaye Glass Co., Ltd.	Rizhao, Shandong	5572	COMP+CAN		285 U	A
SAAND Rexdale	Rexdale, ON	5008	COMP+CAN	(3)	400 U	A
<i>15 mm Tempered Transparent Glass (Conforms to thickness tolerance other than ASTM C1036)</i>						
Al Abbar Architectural Glass	Dubai, United Arab Emirates	3976	COMPOSITE	(4)	100 U	A
AVIC Sanxin Co. Ltd.	Shenzhen, Guangdong, China	5770	COMPOSITE	(3)	285 U	A
Beijing Wuhua Tianbao Glass Co.	Beijing, China	5661	COMPOSITE	(3)	125 U	A
Classy Glass Specialties Co., Ltd	Dongguan, Guangdong	5163	COMPOSITE	(4)	200 U	A
DDG Glass Manufacturing SDN BHD	Johor, Malaysia	5627	COMP+CAN	(3)	125 U	A

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15 mm Tempered Transparent Glass		<i>(Conforms to thickness tolerance other than ASTM C1036)</i>					
Diamond Sea Glaze	Langley, BC Canada	4505	COMPOSITE	(3)		750 U	A
Dongguan CSG Architectural Glass Co., Ltd.	Dongguan, Guangdong, China	3938	COMP+CAN	(3)		125 U	A
Eckelt Glas GmbH	Steyr, Austria	2854	COMPOSITE	(3)		100 U	A
Garibaldi Glass Ind. Inc.	Burnaby, BC	5125	COMP+CAN	(3)		750 U	A
Guangdong Golden Glass Technologies	Shantou, Guangdong, China	3945	COMP+CAN	(3)		125 U	A
Jiangmen SYP Engineering Glass	Jiangmen, Guangdong, China	4309	COMP+CAN	(3)		125 U	A
PRESS GLASS SA	Radomsko, Poland	5850	COMP+CAN	(3)		800 U	A
PRESS GLASS SA	Tychy, Poland	5857	COMP+CAN	(3)		800 U	A
Qinhuangdao Mingjingyuan Safety Technology Glass Co., Ltd	Qinhuangdao, Hebei, China	5130	COMP+CAN	(3)		150 U	A
Shanghai SYP Engineering Glass	Shanghai, China	4073	COMP+CAN	(3)		125 U	A
Tianjin CSG Energy Conservation Glass Co., Ltd	Tianjin, China	4027	COMPOSITE	(3)		100 U	A
Tianjin SYP Engineering Glass Co., Ltd.	Tianjin, China	4080	COMP+CAN	(3)		125 U	A
Wujiang Golden Glass Technologies, Ltd.	Wujiang City,	5255	COMPOSITE	(3)		125 U	A
Xianning CSG Energy Conservation Glass Co., LTD.	Xianning, Hubei	5982	COMPOSITE	(3)		125 U	A
Xinyi Group (Glass) Co., Ltd.	Dongguan, Guangdong, China	4179	COMP+CAN	(3)		165 U	A
5/8 Inch Tempered Transparent Glass							
All Team Glass & Mirror, Ltd.	Woodbridge, ON Canada	4355	COMPOSITE			450 U	A
Blue Star Glass Inc.	North Brunswick, NJ	5174	COMPOSITE			100 U	A
Dillmeier Enterprise, Inc.	Van Buren, AR	3916	COMPOSITE			175 U	A
GGI Glass Distributors Corp.	Secaucus, NJ	3857	COMPOSITE			100 U	A
Glass & Mirror Craft	Wixom, MI	4203	COMP+CAN			150 U	A
Glass Dynamics, Inc.	Stoneville, NC	2731	COMPOSITE			285 U	A
GroupeVFG, a Trulite Glass and Aluminum Solutions Company	Bois-des-Filion, Quebec	6066	COMP+CAN			450 U	A
Inkan Ltd	Brampton, ON	5139	COMP+CAN			800 U	A
Kensington Glass Arts	Ijamsville, MD	5976	COMPOSITE			100 U	A
McGrory Glass	Paulsboro, NJ	4816	COMPOSITE			100 U	A
Midwest Glass Fabricators Inc.	Highland, MI	6033	COMP+CAN			200 U	A
Nashville Tempered Glass LLC	Hendersonville, TN	5453	COMP+CAN			285 U	A
Oldcastle BuildingEnvelope®	Los Angeles, CA	4387	COMP+CAN			125 U	A
Oldcastle BuildingEnvelope®	Langley, BC	3293	COMP+CAN			750 U	A
Oldcastle BuildingEnvelope®	Calgary, AB	3270	COMP+CAN			750 U	A
Oldcastle BuildingEnvelope®	Hauppauge, NY	4181	COMP+CAN			400 U	A
Oldcastle BuildingEnvelope®	Albertville, MN	3110	COMP+CAN			150 U	A
Oldcastle BuildingEnvelope®	Concord, ON	3446	COMP+CAN			100 U	A
Oldcastle BuildingEnvelope®	Perrysburg, OH	3239	COMP+CAN			100 U	A
Oldcastle BuildingEnvelope®	Fremont, CA	4458	COMP+CAN			125 U	A
Oldcastle BuildingEnvelope®	Warrenton, MO	5904	COMP+CAN			500 U	A
Oldcastle BuildingEnvelope®	Moorestown, NJ	4054	COMP+CAN			100 U	A
Oldcastle BuildingEnvelope® Canada Inc.	Pointe-aux-Trembles, QC	2063	COMP+CAN			100 U	A
Prelco Inc.	Saint-Jacques, NB	5610	COMP+CAN			800 U	A
Prelco Inc.	Riviere-du-loup, QC	5609	COMP+CAN			800 U	A
SIGCO, Inc.	Westbrook, ME	4326	COMPOSITE			100 U	A
Techni-Glass, Inc.	Surgoinsville, TN	4510	COMP+CAN			285 U	A
Tecnoglass S.A.	Barranquilla, Colombia	2365	COMP+CAN			285 U	A
Triview Glass Industries	City of Industry, CA	5045	COMP+CAN			250 U	A

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<i>5/8 Inch Tempered Transparent Glass</i>						
Trulite Glass and Aluminum Solutions	Lithia Springs, GA	6106	COMP+CAN		165 U	A
Trulite Glass and Aluminum Solutions	Cheswick, PA	4134	COMPOSITE		100 U	A
Trulite Glass and Aluminum Solutions	Orlando, FL	5680	COMPOSITE		285 U	A
Trulite Glass and Aluminum Solutions	Youngsville, NC	6009	COMPOSITE		165 U	A
Trulite Glass and Aluminum Solutions	City of Industry, CA	4522	COMPOSITE		250 U	A
Trulite Glass and Aluminum Solutions	Houston, TX	5477	COMP+CAN		175 U	A
Trulite Glass and Aluminum Solutions	New Berlin, WI	5896	COMPOSITE		150 U	A
U.S. Glass Distributors Inc.	Enfield, CT	5927	COMP+CAN		400 U	A
Virginia Glass Products Corp.	Martinsville, VA	2182	COMPOSITE		100 U	A
<i>3/4 Inch Tempered Transparent Glass</i>						
Al Abbar Architectural Glass	Dubai, United Arab Emirates	3977	COMPOSITE		100 U	A
All Team Glass & Mirror, Ltd.	Woodbridge, ON Canada	3656	COMPOSITE		450 U	A
AVIC Sanxin Co. Ltd.	Shenzhen, Guangdong, China	5771	COMPOSITE		285 U	A
Basco Engineered Products	Hamilton, OH	5076	COMPOSITE		200 U	A
Beijing Wuhua Tianbao Glass Co.	Beijing, China	5662	COMPOSITE		125 U	A
Berkowitz, J.E.	Pedricktown, NJ	2647	COMP+CAN		100 U	A
Blue Star Glass Inc.	North Brunswick, NJ	5175	COMPOSITE		100 U	A
Classy Glass Specialties Co., Ltd	Dongguan, Guangdong	5164	COMPOSITE		200 U	A
Contractors Wardrobe	Valencia, CA	3472	COMP+CAN		250 U	A
Coral Industries Glass Division	Tuscaloosa, AL	2644	COMPOSITE		165 U	A
Diamond Sea Glaze	Langley, BC Canada	4506	COMPOSITE		750 U	A
Dillmeier Enterprise, Inc.	Van Buren, AR	3917	COMPOSITE		175 U	A
Dlubak Corporation	Blairsville, PA	3019	COMPOSITE		100 U	A
Dongguan CSG Architectural Glass Co., Ltd.	Dongguan, Guangdong, China	3939	COMP+CAN		125 U	A
Downey Glass Industries, LLC	Pompano Beach, FL	2665	COMPOSITE		285 U	A
Eckelt Glas GmbH	Steyr, Austria	2855	COMPOSITE		100 U	A
Garibaldi Glass Ind. Inc.	Burnaby, BC	4422	COMP+CAN		750 U	A
GGI Glass Distributors Corp.	Secaucus, NJ	3858	COMPOSITE		100 U	A
Glass & Mirror Craft	Wixom, MI	4204	COMP+CAN		150 U	A
Glass Dynamics, Inc.	Stoneville, NC	2734	COMPOSITE		285 U	A
GlassFab Tempering Services Inc. Holly Drive	Tracy, CA	5990	COMPOSITE		125 U	A
GlassFab Tempering Services, Inc. Mariani Ct.	Tracy, CA	4893	COMPOSITE		125 U	A
Glasswerks LA, Inc. East	South Gate, CA	5885	COMPOSITE		250 U	A
GroupeVFG, a Trulite Glass and Aluminum Solutions Company	Bois-des-Filion, Quebec	6067	COMP+CAN		450 U	A
Guangdong Golden Glass Technologies	Shantou, Guangdong, China	3946	COMP+CAN		125 U	A
Guardian Industries Corp.	Galax, VA	4611	COMP+CAN	(IN)	285 U	A
Industrial Tempering Glass	Brooklyn, NY	4240	COMPOSITE		100 U	A
Inkan Ltd	Brampton, ON	5140	COMP+CAN		800 U	A
Interglass Corp	Miami, FL	5036	COMPOSITE		285 U	A
Jiangmen SYP Engineering Glass	Jiangmen, Guangdong, China	4310	COMP+CAN		125 U	A
Kensington Glass Arts	Ijamsville, MD	5977	COMPOSITE		100 U	A
McGrory Glass	Paulsboro, NJ	4817	COMPOSITE		100 U	A
Midwest Glass Fabricators Inc.	Highland, MI	6034	COMP+CAN		200 U	A
Nashville Tempered Glass LLC	Hendersonville, TN	5454	COMP+CAN		285 U	A
Oldcastle BuildingEnvelope®	Perrysburg, OH	3240	COMP+CAN		100 U	A
Oldcastle BuildingEnvelope®	Fremont, CA	3197	COMP+CAN		125 U	A
Oldcastle BuildingEnvelope®	Langley, BC	3294	COMP+CAN		750 U	A
Oldcastle BuildingEnvelope®	Covington, GA	3335	COMP+CAN		165 U	A

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>	<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
<i>3/4 Inch Tempered Transparent Glass</i>						
Oldcastle BuildingEnvelope®	Albertville, MN	3111	COMP+CAN		150 U	A
Oldcastle BuildingEnvelope®	Calgary, AB	3271	COMP+CAN		750 U	A
Oldcastle BuildingEnvelope®	Concord, ON	3447	COMP+CAN		100 U	A
Oldcastle BuildingEnvelope®	Grand Prairie, TX	3257	COMP+CAN		175 U	A
Oldcastle BuildingEnvelope®	Los Angeles, CA	2074	COMP+CAN		125 U	A
Oldcastle BuildingEnvelope®	Hauppauge, NY	1551	COMP+CAN		400 U	A
Oldcastle BuildingEnvelope® Canada Inc.	Pointe-aux-Trembles, QC	2885	COMP+CAN		100 U	A
Prelco Inc.	Saint-Jacques, NB	5611	COMP+CAN		800 U	A
Prelco Inc.	Riviere-du-loup, QC	4904	COMP+CAN		800 U	A
Productos De Valor Agregado en Cristal S.A. de C.V.	San Juan Ixhuatepec, Tlalnepantla, Mexico	4642	COMPOSITE		175 U	A
Quality Glass & Mirror, Inc.	Mount Prospect, IL	3805	COMPOSITE		500 U	A
Rizhao Huaye Glass Co., Ltd.	Rizhao, Shandong	5573	COMP+CAN		285 U	A
Shanghai SYP Engineering Glass	Shanghai, China	4074	COMP+CAN		125 U	A
SIGCO, Inc.	Westbrook, ME	4327	COMPOSITE		100 U	A
Solar Seal Massachusetts	South Easton, MA	5527	COMPOSITE		800 U	A
Tecnoglass S.A.	Barranquilla, Colombia	2894	COMP+CAN		285 U	A
Texas Tempered, a Trulite Glass and Aluminum Solutions Company	Houston, TX	5365	COMPOSITE		175 U	A
Tianjin CSG Energy Conservation Glass Co., Ltd	Tianjin, China	4028	COMPOSITE		100 U	A
Tianjin SYP Engineering Glass Co., Ltd.	Tianjin, China	4081	COMP+CAN		125 U	A
Triview Glass Industries	City of Industry, CA	5046	COMP+CAN		250 U	A
Trulite Glass and Aluminum Solutions	New Berlin, WI	5897	COMPOSITE		150 U	A
Trulite Glass and Aluminum Solutions	Fresno, CA	5828	COMPOSITE		125 U	A
Trulite Glass and Aluminum Solutions	Aurora, CO	5346	COMPOSITE		175 U	A
Trulite Glass and Aluminum Solutions	Youngsville, NC	5277	COMPOSITE		165 U	A
Trulite Glass and Aluminum Solutions	Houston, TX	5478	COMP+CAN		175 U	A
Trulite Glass and Aluminum Solutions	City of Industry, CA	4371	COMPOSITE		250 U	A
Trulite Glass and Aluminum Solutions	Cheswick, PA	4135	COMPOSITE		100 U	A
Trulite Glass and Aluminum Solutions	Orlando, FL	5188	COMPOSITE		285 U	A
Trulite Glass and Aluminum Solutions	Lithia Springs, GA	6107	COMP+CAN		165 U	A
Trulite Glass and Aluminum Solutions	Fremont, CA	5800	COMPOSITE		125 U	A
Trulite Glass and Aluminum Solutions	Las Vegas, NV	4216	COMPOSITE		250 U	A
Virginia Glass Products Corp.	Martinsville, VA	95	COMPOSITE		100 U	A
Wujiang Golden Glass Technologies, Ltd.	Wujiang City,	5256	COMPOSITE		125 U	A
Xianning CSG Energy Conservation Glass Co., LTD.	Xianning, Hubei	5983	COMPOSITE		125 U	A
<i>19 mm Tempered Transparent Glass (Conforms to thickness tolerance other than ASTM C1036)</i>						
DDG Glass Manufacturing SDN BHD	Johor, Malaysia	5628	COMP+CAN	(3)	125 U	A
<i>7/8 Inch Tempered Transparent Glass</i>						
Guangdong Golden Glass Technologies	Shantou, Guangdong, China	4535	COMP+CAN		125 U	A
<i>1 Inch Tempered Transparent Glass</i>						
GGI Glass Distributors Corp.	Secaucus, NJ	4774	COMPOSITE	(IN)	100 U	A
<u>Tempered Patterned Glass</u>						
<i>1/8 Inch Tempered Patterned Glass</i>						
AGC Flat Glass North America	Greenland, TN	587	COMP+CAN	(s)	285 U	A
AGC/Poma Glass Co. N.A.	Boardman, OH	5475	COMP+CAN	(m)	800 U	A

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>		<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
<i>1/8 Inch Tempered Patterned Glass</i>							
AGC-Poma Glass Co. N.A.	Quakertown, PA	2510	COMPOSITE	(s)		100 U	A
Aldora Aluminum and Glass Products Inc.	Charleston, SC	4332	COMPOSITE	(s)		285 U	A
American Insulated Glass Inc.	Conley, GA	5288	COMPOSITE	(m)		165 U	A
Amsco Windows	Salt Lake City, UT	2582	COMPOSITE	(m)		750 U	A
ATI Windows	Riverside, CA	5639	COMPOSITE	(s)		250 U	A
ATN Holding Inc.	Mira Loma, CA	6261	COMPOSITE	(s)		250 U	A
Cardinal CG	Galt, CA	3599	COMPOSITE	(s)		125 U	A
Cardinal CG	Moreno Valley, CA	5335	COMP+CAN	(s)		250 U	A
Cardinal CG	Tumwater, WA	2954	COMP+CAN	(s)		195 U	A
Cardinal CG	Northfield, MN	2011	COMP+CAN	(s)		150 U	A
Cardinal CG	Spring Green, WI	2071	COMP+CAN	(s)		600 U	A
Cardinal CG	Loveland, CO	4343	COMPOSITE	(s)		500 U	A
Cardinal CG	Buford, GA	2146	COMP+CAN	(s)		165 U	A
Cardinal CT	Adel, GA	5098	COMPOSITE	(d)		165 U	A
Cardinal CT	Mount Airy, NC	4581	COMP+CAN	(s)		165 U	A
Cardinal CT	Los Angeles, CA	5088	COMP+CAN	(s)		250 U	A
Cardinal CT	Utica, OH	4623	COMP+CAN	(m)		100 U	A
Cardinal CT	Easton, PA	4759	COMP+CAN	(m)		100 U	A
Cardinal CT - S	Irving TX	5105	COMPOSITE	(s)		175 U	A
Cardinal CT - W	Irving TX	5249	COMPOSITE	(s)		175 U	A
Cardinal IG	Fargo, ND	2231	COMP+CAN	(s)		150 U	A
Cardinal IG	Ocala, FL	4584	COMPOSITE	(m)		285 U	A
Cardinal IG	Hood River, OR	2857	COMP+CAN	(s)		195 U	A
Cardinal IG	Fremont, IN	2203	COMP+CAN	(s)		150 U	A
Cardinal IG	Mountain Top, PA	3073	COMP+CAN	(m)		100 U	A
Cardinal IG	Tomah, WI	2321	COMP+CAN	(m)		600 U	A
Cardinal IG	Vinton, VA	2923	COMP+CAN	(s)		100 U	A
Cardinal IG	Casa Grande, AZ	4103	COMP+CAN	(s)		250 U	A
Cardinal IG	Waxahachie, TX	2397	COMP+CAN	(m)		175 U	A
Cardinal IG	Greenfield, IA	1841	COMP+CAN	(s)		500 U	A
Cardinal IG	Spring Green, WI	1844	COMP+CAN	(s)		150 U	A
Contour Industries, Inc.	Surgoinsville, TN	4703	COMP+CAN	(s)		285 U	A
Contractors Wardrobe	Valencia, CA	3473	COMP+CAN	(m)		250 U	A
Flat Glass Distributors	Jacksonville, FL	3828	COMPOSITE	(m)		285 U	A
General Glass	Portland, OR	5750	COMPOSITE	(s)		195 U	A
GlassFab Tempering Services, Inc. Mariani Ct.	Tracy, CA	4894	COMPOSITE	(s)		125 U	A
Guardian Fabrication Inc.	Webster, MA	3604	COMPOSITE	(s)		100 U	A
Guardian IG LLC	Sun Prairie, WI	5644	COMP+CAN	(d)		600 U	A
Guardian Industries Corp.	Galax, VA	4612	COMP+CAN	(s)		285 U	A
Guardian Industries Corp.	Corsicana, TX	2458	COMP+CAN	(m)		175 U	A
Guardian Industries Corp.	Kingsburg, CA	1303	COMP+CAN	(d)		125 U	A
Guardian Industries Corp.	Richburg, SC	1683	COMPOSITE	(m)		285 U	A
Intex Glass (Xiamen) Co., Ltd.	Xiamen, Fujian, China	6131	COMP+CAN	(m)		200 U	A
Intigral	Walton Hills, OH	3631	COMP+CAN	(m)		200 U	A
Kawneer - (Cranberry) a division of Alcoa	Cranberry Township, PA	4394	COMPOSITE	(s)		100 U	A
Kohler Company	Union City, TN	1983	COMPOSITE	(m)		165 U	A
Nashville Tempered Glass Corp.	Nashville, TN	2420	COMP+CAN	(s)		285 U	A
Oldcastle BuildingEnvelope®	Miami, FL	3501	COMP+CAN	(s)		285 U	A
Oldcastle BuildingEnvelope®	Vancouver, WA	3226	COMP+CAN	(s)		195 U	A
Oldcastle BuildingEnvelope®	Perrysburg, OH	3242	COMP+CAN	(s)		100 U	A

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>		<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
<i>1/8 Inch Tempered Patterned Glass</i>							
Oldcastle BuildingEnvelope®	Tampa, FL	3122	COMP+CAN	(s)		285 U	A
Oldcastle BuildingEnvelope®	Calgary, AB	3272	COMP+CAN	(m)		750 U	A
Oldcastle BuildingEnvelope®	Moorestown, NJ	3186	COMP+CAN	(m)		100 U	A
Oldcastle BuildingEnvelope®	Langley, BC	3295	COMP+CAN	(m)		750 U	A
Oldcastle BuildingEnvelope®	Fremont, CA	3199	COMP+CAN	(s)		125 U	A
Oldcastle BuildingEnvelope®	Warrenton, MO	3151	COMP+CAN	(s)		500 u	A
Oldcastle BuildingEnvelope®	Indianapolis, IN	4384	COMP+CAN	(s)		150 U	A
Oldcastle BuildingEnvelope®	Grand Prairie, TX	3425	COMP+CAN	(s)		175 U	A
Oldcastle BuildingEnvelope®	Covington, GA	3336	COMP+CAN	(s)		165 U	A
Oldcastle BuildingEnvelope®	Phoenix, AZ	3134	COMP+CAN	(s)		125 U	A
Oldcastle BuildingEnvelope®	Denver, CO	3317	COMP+CAN	(s)		125 U	A
Oldcastle BuildingEnvelope®	Shawnee, OK	3101	COMP+CAN	(m)		175 U	A
Oldcastle BuildingEnvelope®	Rock Hill, SC	3281	COMP+CAN	(s)		165 U	A
PGF Glass	Langley, BC	3547	COMP+CAN	(s)		750 U	A
PGT Industries	Nokomis, FL	3880	COMPOSITE	(s)		285 U	A
Produits Verrier International Inc.	Montreal, Quebec	5504	COMP+CAN	(s)		100 U	A
Quaker Window Products, Inc.	Freeburg, MO	2968	COMP+CAN	(m)		150 U	A
SCHOTT Gemtron - Sweetwater	Sweetwater, TN	1422	COMP+CAN	(s)		285 U	A
SIGCO, Inc.	Westbrook, ME	4543	COMPOSITE	(m)		100 U	A
Simonton Windows	Ellenboro, WV	5296	COMPOSITE	(s)		100 U	A
Simonton Windows	Paris, IL	5295	COMPOSITE	(s)		150 U	A
Tai Sheng (Dong Guan) Glass Co.,Ltd	Dongguan, Guangdong, China	6141	COMP+CAN	(s)		285 U	A
Techni-Glass, Inc.	Surgoinsville, TN	3061	COMP+CAN	(m)		285 U	A
Thermal Seal Insulating Glass	Uxbridge, MA	5730	COMPOSITE	(s)		285 U	A
Trulite Glass and Aluminum Solutions	Tulsa, OK	5688	COMPOSITE	(s)		175 U	A
Trulite Glass and Aluminum Solutions	Fremont, CA	5801	COMPOSITE	(d)		125 U	A
Trulite Glass and Aluminum Solutions	Orlando, FL	5189	COMPOSITE	(s)		285 U	A
Trulite Glass and Aluminum Solutions	Cheswick, PA	4452	COMPOSITE	(s)		100 U	A
Trulite Glass and Aluminum Solutions	City of Industry, CA	4188	COMPOSITE	(s)		250 U	A
Trulite Glass and Aluminum Solutions	Aurora, CO	5347	COMPOSITE	(s)		175 U	A
Trulite Glass and Aluminum Solutions	Lithia Springs, GA	6112	COMP+CAN	(s)		165 U	A
Trulite Glass and Aluminum Solutions	Knoxville, TN	4207	COMPOSITE	(m)		285 U	A
Trulite Glass and Aluminum Solutions	Houston, TX	5433	COMP+CAN	(s)		175 U	A
Trulite Glass and Aluminum Solutions	Fort Worth, TX	5784	COMPOSITE	(m)		175 U	A
Trulite Glass and Aluminum Solutions	San Antonio, TX	3818	COMPOSITE	(s)		175 U	A
Trulite Glass and Aluminum Solutions	Phoenix, AZ	5705	COMPOSITE	(s)		250 U	A
Trulite Glass and Aluminum Solutions	Fresno, CA	5829	COMPOSITE	(d)		125 U	A
Trulite Glass and Aluminum Solutions	Las Vegas, NV	4217	COMPOSITE	(s)		250 U	A
United Plate Glass Company of Charlotte	Lincolnton, NC	3954	COMP+CAN	(d)		165 U	A
W. A. Wilson Inc.	Wheeling, WV	5173	COMPOSITE	(d)		200 U	A
Wisconsin Shower Door & Supply Corp	Menomonee Falls, WI	5592	COMPOSITE	(s)		600 U	A
Wolverine Glass Products, Inc.	Grand Rapids, MI	6059	COMP+CAN	(m)		200 U	A
<i>5/32 Inch Tempered Patterned Glass</i>							
AGC Flat Glass North America	Greenland, TN	2980	COMP+CAN	(m)		285 U	A
Aldora Aluminum and Glass Products Inc.	Charleston, SC	4333	COMPOSITE	(d)		285 U	A
Arlene Stained Glass & Door	Houston, TX	3585	COMPOSITE	(s)		175 U	A
Cardinal CG	Northfield, MN	2012	COMP+CAN	(d)		150 U	A
Cardinal CG	Waxahachie, TX	4047	COMP+CAN	(m)		175 U	A
Cardinal CG	Loveland, CO	4344	COMPOSITE	(d)		500 U	A
Cardinal CG	Galt, CA	4347	COMPOSITE	(m)		125 U	A

Certified Products-By Product Type

					<u>Max Size</u>	<u>ANSI</u>
					<u>Certified</u>	<u>CLASS</u>
					<u>Lab ID</u>	
5/32 Inch Tempered Patterned Glass						
Cardinal CG	Tumwater, WA	2955	COMP+CAN	(d)	195 U	A
Cardinal CT	Adel, GA	5099	COMPOSITE	(d)	165 U	A
Cardinal CT	Mount Airy, NC	4742	COMP+CAN	(m)	165 U	A
Cardinal CT	Utica, OH	4624	COMP+CAN	(m)	100 U	A
Cardinal CT	Easton, PA	4760	COMP+CAN	(m)	100 U	A
Cardinal IG	Mountain Top, PA	3115	COMP+CAN	(s)	100 U	A
Cardinal IG	Spring Green, WI	1845	COMP+CAN	(m)	150 U	A
Cardinal IG	Vinton, VA	2924	COMP+CAN	(d)	100 U	A
Cardinal IG	Tomah, WI	2322	COMP+CAN	(d)	600 U	A
Cardinal IG	Casa Grande, AZ	4104	COMP+CAN	(d)	250 U	A
Cardinal IG	Fargo, ND	2285	COMP+CAN	(m)	150 U	A
Cardinal IG	Fremont, IN	2204	COMP+CAN	(d)	150 U	A
Cardinal IG	Hood River, OR	4836	COMP+CAN	(d)	195 U	A
Cardinal IG	Waxahachie, TX	4091	COMP+CAN	(d)	175 U	A
Cardinal IG	Greenfield, IA	1842	COMP+CAN	(d)	500 U	A
Consolidated Glass Corp.	New Castle, PA	2355	COMP+CAN	(m)	285 U	A
Contour Industries, Inc.	Surgoinsville, TN	4704	COMP+CAN	(IN)(s)	285 U	A
Contractors Wardrobe	Valencia, CA	3474	COMP+CAN	(d)	250 U	A
Dongguan Trillion Aluminum Glass Co., Ltd	Dongguan, Guangdong, China	5863	COMPOSITE	(s)	285 U	A
Fujian Xihe Sanitary Ware Technology Co., Ltd	Nan'an Fujian China	5217	COMPOSITE	(s)	285 U	A
GGI Glass Distributors Corp.	Secaucus, NJ	3970	COMPOSITE	(IN)(s)	100 U	A
GlassFab Tempering Services, Inc. Mariani Ct.	Tracy, CA	5128	COMPOSITE	(d)	125 U	A
Guardian Fabrication Inc.	Webster, MA	2451	COMPOSITE	(m)	100 U	A
Guardian IG LLC	Sun Prairie, WI	5645	COMP+CAN	(d)	600 U	A
Guardian Industries Corp.	Richburg, SC	1635	COMPOSITE	(m)	285 U	A
Guardian Industries Corp.	Corsicana, TX	2459	COMP+CAN	(m)	175 U	A
Guardian Industries Corp.	Kingsburg, CA	1301	COMP+CAN	(m)	125 U	A
Huahui Glass (China) Co., LD	Quanzhou City, China	5844	COMPOSITE	(s)	285 U	B
Intex Glass (Xiamen) Co., Ltd.	Xiamen, Fujian, China	6132	COMP+CAN	(s)	200 U	A
Intigral	Walton Hills, OH	4588	COMP+CAN	(m)	200 U	A
Jiaxing Joinbath Corporation	Jiaxing, Zhejiang, China	5711	COMPOSITE	(m)	125 U	A
JYC Glass Co. Ltd.	Foshan, Guangdong, China	4161	COMP+CAN	(m)	125 U	A
Kohler Company	Union City, TN	3532	COMPOSITE	(m)	165 U	A
Nashville Tempered Glass Corp.	Nashville, TN	5785	COMP+CAN	(s)	285 U	A
Oldcastle BuildingEnvelope®	Moorestown, NJ	3187	COMP+CAN	(d)	100 U	A
Oldcastle BuildingEnvelope®	Fremont, CA	3200	COMP+CAN	(s)	125 U	A
Oldcastle BuildingEnvelope®	Covington, GA	3337	COMP+CAN	(s)	165 U	A
Oldcastle BuildingEnvelope®	Vancouver, WA	3227	COMP+CAN	(d)	195 U	A
Oldcastle BuildingEnvelope®	Warrenton, MO	3152	COMP+CAN	(s)	500 U	A
Oldcastle BuildingEnvelope®	Denver, CO	3318	COMP+CAN	(d)	125 U	A
Oldcastle BuildingEnvelope®	Houston, TX	3163	COMP+CAN	(d)	175 U	A
Oldcastle BuildingEnvelope®	Langley, BC	3296	COMP+CAN	(d)	750 U	A
Oldcastle BuildingEnvelope®	Calgary, AB	3273	COMP+CAN	(d)	750 U	A
Oldcastle BuildingEnvelope®	Grand Prairie, TX	3426	COMP+CAN	(IN)	175 U	A
Oldcastle BuildingEnvelope®	Schofield, WI	3177	COMP+CAN	(d)	600 U	A
Oldcastle BuildingEnvelope®	Phoenix, AZ	3135	COMP+CAN	(s)	125 U	A
Oldcastle BuildingEnvelope®	Shawnee, OK	3102	COMP+CAN	(m)	175 U	A
Oldcastle BuildingEnvelope®	Albertville, MN	3112	COMP+CAN	(s)	150 U	A
Oldcastle BuildingEnvelope®	Rock Hill, SC	4396	COMP+CAN	(d)	165 U	A
PFG Glass	Langley, BC	3548	COMP+CAN	(d)	750 U	A

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>		<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
<i>5/32 Inch Tempered Patterned Glass</i>							
Qinhuangdao Ampac Building Products Co., Ltd.	Qinhuangdao Hebei, China	5902	COMPOSITE	(s)		100 U	A
Quaker Window Products, Inc.	Freeburg, MO	2969	COMP+CAN	(IN)(m)		150 U	A
SCHOTT Gemtron - Sweetwater	Sweetwater, TN	1424	COMP+CAN	(s)		285 U	A
SIGCO, Inc.	Westbrook, ME	2967	COMPOSITE	(s)		100 U	A
Tai Sheng (Dong Guan) Glass Co.,Ltd	Dongguan, Guangdong, China	5067	COMP+CAN	(m)		285 U	A
Techni-Glass, Inc.	Surgoinsville, TN	5050	COMP+CAN	(m)		285 U	A
Tri-Star Glass, Inc.	Catoosa, OK	4010	COMPOSITE	(s)		175 U	A
Trulite Glass and Aluminum Solutions	Las Vegas, NV	4218	COMPOSITE	(m)		250 U	A
Trulite Glass and Aluminum Solutions	San Antonio, TX	3647	COMPOSITE	(m)		175 U	A
Trulite Glass and Aluminum Solutions	Fremont, CA	5802	COMPOSITE	(m)		125 U	A
Trulite Glass and Aluminum Solutions	Knoxville, TN	4981	COMPOSITE	(d)		285 U	A
Trulite Glass and Aluminum Solutions	Tulsa, OK	5448	COMPOSITE	(d)		175 U	A
Trulite Glass and Aluminum Solutions	Houston, TX	5686	COMP+CAN	(d)		175 U	A
Trulite Glass and Aluminum Solutions	City of Industry, CA	4372	COMPOSITE	(s)		250 U	A
Trulite Glass and Aluminum Solutions	Fresno, CA	5985	COMPOSITE	(m)		125 U	A
U.S. Glass Distributors Inc.	Enfield, CT	5917	COMP+CAN	(d)		400 U	A
United Plate Glass Company of Charlotte	Lincolnton, NC	4636	COMPOSITE	(d)		165 U	A
Wisconsin Shower Door & Supply Corp	Menomonee Falls, WI	5593	COMPOSITE	(m)		600 U	A
Wolverine Glass Products, Inc.	Grand Rapids, MI	6060	COMP+CAN	(m)		200 U	A
<i>3/16 Inch Tempered Patterned Glass</i>							
AGC Flat Glass North America	Greenland, TN	1139	COMP+CAN	(s)		285 U	A
AGC/Poma Glass Co. N.A.	Boardman, OH	5476	COMP+CAN	(m)		800 U	A
AGC-Poma Glass Co. N.A.	Quakertown, PA	3698	COMPOSITE	(s)		100 U	A
Aldora Aluminum and Glass Products Inc.	Charleston, SC	4334	COMPOSITE	(IN)		285 U	A
American Insulated Glass Inc.	Conley, GA	5289	COMPOSITE	(s)		165 U	A
Amsco Windows	Salt Lake City, UT	2584	COMPOSITE	(m)		750 U	A
Architectural Glass Products, LLC.	St. Louis, MO	4574	COMPOSITE	(s)		100 U	A
ATI Windows	Riverside, CA	6042	COMPOSITE	(m)		250 U	A
Basco Engineered Products	Hamilton, OH	4688	COMPOSITE	(m)		200 U	A
Cardinal CG	Galt, CA	3601	COMPOSITE	(m)		125 U	A
Cardinal CG	Northfield, MN	2013	COMP+CAN	(m)		150 U	A
Cardinal CG	Moreno Valley, CA	5336	COMP+CAN	(s)		250 U	A
Cardinal CG	Tumwater, WA	2956	COMP+CAN	(m)		195 U	A
Cardinal CG	Waxahachie, TX	2705	COMP+CAN	(m)		175 U	A
Cardinal CG	Loveland, CO	4345	COMPOSITE	(m)		500 U	A
Cardinal CG	Buford, GA	4599	COMP+CAN	(s)		165 U	A
Cardinal CT	Easton, PA	6143	COMP+CAN	(s)		100 U	A
Cardinal CT	Los Angeles, CA	5089	COMP+CAN	(m)		250 U	A
Cardinal CT	Utica, OH	4625	COMP+CAN	(m)		100 U	A
Cardinal CT	Adel, GA	5100	COMPOSITE	(d)		165 U	A
Cardinal CT	Mount Airy, NC	4582	COMP+CAN	(s)		165 U	A
Cardinal CT - S	Irving TX	5106	COMPOSITE	(d)		175 U	A
Cardinal CT - W	Irving TX	5250	COMPOSITE	(d)		175 U	A
Cardinal IG	Mountain Top, PA	3072	COMP+CAN	(m)		100 U	A
Cardinal IG	Casa Grande, AZ	4105	COMP+CAN	(s)		250 U	A
Cardinal IG	Waxahachie, TX	2399	COMP+CAN	(m)		175 U	A
Cardinal IG	Vinton, VA	3619	COMP+CAN	(s)		100 U	A
Cardinal IG	Fargo, ND	2286	COMP+CAN	(s)		150 U	A
Cardinal IG	Fremont, IN	2205	COMP+CAN	(s)		150 U	A

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>		<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
<i>3/16 Inch Tempered Patterned Glass</i>							
Cardinal IG	Hood River, OR	2859	COMP+CAN	(m)		195 U	A
Cardinal IG	Spring Green, WI	5912	COMP+CAN	(s)		150 U	A
Cardinal IG	Greenfield, IA	1843	COMP+CAN	(s)		500 U	A
Cardinal IG	Tomah, WI	2323	COMP+CAN	(d)		600 U	A
Consolidated Glass Corp.	New Castle, PA	2354	COMP+CAN	(m)		285 U	A
Contour Industries, Inc.	Surgoinsville, TN	4705	COMP+CAN	(IN)(s)		285 U	A
Contractors Wardrobe	Valencia, CA	3475	COMP+CAN	(d)		250 U	A
Coral Industries Glass Division	Tuscaloosa, AL	1964	COMPOSITE	(d)		165 U	A
Downey Glass Industries, LLC	Pompano Beach, FL	3487	COMPOSITE	(s)		285 U	A
EFCO Corporation	Monett, MO	2143	COMPOSITE	(s)		175 U	A
Flat Glass Distributors	Jacksonville, FL	3830	COMPOSITE	(m)		285 U	A
General Glass	Portland, OR	5748	COMPOSITE	(s)		195 U	A
GGI Glass Distributors Corp.	Secaucus, NJ	3971	COMPOSITE	(s)		100 U	A
GlassFab Tempering Services, Inc. Mariani Ct.	Tracy, CA	4895	COMPOSITE	(m)		125 U	A
Glaz-Tech Industries, Inc.	Englewood, CO	2193	COMPOSITE	(s)		250 U	A
Guardian Fabrication Inc.	Webster, MA	2603	COMPOSITE	(m)		100 U	A
Guardian IG LLC	Sun Prairie, WI	5646	COMP+CAN	(d)		600 U	A
Guardian Industries Corp.	Richburg, SC	1865	COMPOSITE	(m)		285 U	A
Guardian Industries Corp.	Corsicana, TX	2460	COMP+CAN	(m)		175 U	A
Guardian Industries Corp.	Kingsburg, CA	1304	COMP+CAN	(m)		125 U	A
Guardian Industries Corp.	Galax, VA	4613	COMP+CAN	(m)		285 U	A
Kawneer - (Cranberry) a division of Alcoa	Cranberry Township, PA	4395	COMPOSITE	(s)		100 U	A
Kohler Company	Union City, TN	1984	COMPOSITE	(s)		165 U	A
Midwest Glass Fabricators Inc.	Highland, MI	6035	COMP+CAN	(m)		200 U	A
Nashville Tempered Glass Corp.	Nashville, TN	2417	COMP+CAN	(s)		285 U	A
Oldcastle BuildingEnvelope®	Hauppauge, NY	3492	COMP+CAN	(d)		400 U	A
Oldcastle BuildingEnvelope®	Vancouver, WA	3228	COMP+CAN	(m)		195 U	A
Oldcastle BuildingEnvelope®	Los Angeles, CA	935	COMP+CAN	(s)		125 U	A
Oldcastle BuildingEnvelope®	Rock Hill, SC	3283	COMP+CAN	(d)		165 U	A
Oldcastle BuildingEnvelope®	Concord, ON	4424	COMP+CAN	(s)		100 U	A
Oldcastle BuildingEnvelope®	Houston, TX	3164	COMP+CAN	(m)		175 U	A
Oldcastle BuildingEnvelope®	Denver, CO	3319	COMP+CAN	(m)		125 U	A
Oldcastle BuildingEnvelope®	Covington, GA	3338	COMP+CAN	(m)		165 U	A
Oldcastle BuildingEnvelope®	Moorestown, NJ	3188	COMP+CAN	(m)		100 U	A
Oldcastle BuildingEnvelope®	Calgary, AB	3274	COMP+CAN	(d)		750 U	A
Oldcastle BuildingEnvelope®	Albertville, MN	3113	COMP+CAN	(s)		150 U	A
Oldcastle BuildingEnvelope®	Langley, BC	3297	COMP+CAN	(d)		750 U	A
Oldcastle BuildingEnvelope®	Fremont, CA	3201	COMP+CAN	(m)		125 U	A
Oldcastle BuildingEnvelope®	Indianapolis, IN	2215	COMP+CAN	(s)		150 U	A
Oldcastle BuildingEnvelope®	Tampa, FL	3124	COMP+CAN	(m)		285 U	A
Oldcastle BuildingEnvelope®	Perrysburg, OH	3243	COMP+CAN	(s)		100 U	A
Oldcastle BuildingEnvelope®	Warrenton, MO	3153	COMP+CAN	(m)		500 U	A
Oldcastle BuildingEnvelope®	Grand Prairie, TX	3427	COMP+CAN	(s)		175 U	A
Oldcastle BuildingEnvelope®	Schofield, WI	3178	COMP+CAN	(d)		600 U	A
Oldcastle BuildingEnvelope®	Shawnee, OK	3103	COMP+CAN	(m)		175 U	A
Oldcastle BuildingEnvelope®	Miami, FL	3502	COMP+CAN	(m)		285 U	A
Oldcastle BuildingEnvelope®	Phoenix, AZ	3136	COMP+CAN	(m)		125 U	A
PFG Glass	Langley, BC	3549	COMP+CAN	(m)		750 U	A
PGT Industries	Nokomis, FL	3881	COMPOSITE	(s)		285 U	A
Produits Verrier International Inc.	Montreal, Quebec	5505	COMP+CAN	(s)		100 U	A

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>		<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
<i>3/16 Inch Tempered Patterned Glass</i>							
Qinhuangdao Ampac Building Products Co., Ltd.	Qinhuangdao Hebei, China	5903	COMPOSITE	(s)		100 U	A
Quaker Window Products, Inc.	Freeburg, MO	3486	COMP+CAN	(m)		150 U	A
Quality Enclosures Tempering, Inc.	Port Orange, FL	6247	COMPOSITE	(m)		165 U	A
Robover Inc.	Quebec City, QC	5727	COMP+CAN	(m)		450 U	A
SIGCO, Inc.	Westbrook, ME	3028	COMPOSITE	(m)		100 U	A
Solar Seal Massachusetts	South Easton, MA	1939	COMPOSITE	(s)		800 U	A
Tai Sheng (Dong Guan) Glass Co.,Ltd	Dongguan, Guangdong, China	5488	COMP+CAN	(m)		285 U	A
Techni-Glass, Inc.	Surgoinsville, TN	2550	COMP+CAN	(m)		285 U	A
Tri-Star Glass, Inc.	Catoosa, OK	4011	COMPOSITE	(s)		175 U	A
Trulite Glass and Aluminum Solutions	Knoxville, TN	4160	COMPOSITE	(d)		285 U	A
Trulite Glass and Aluminum Solutions	Cheswick, PA	1790	COMPOSITE	(s)		100 U	A
Trulite Glass and Aluminum Solutions	Indianapolis, IN	4750	COMPOSITE	(s)		200 U	A
Trulite Glass and Aluminum Solutions	Fremont, CA	5803	COMPOSITE	(s)		125 U	A
Trulite Glass and Aluminum Solutions	Tulsa, OK	5449	COMPOSITE	(m)		175 U	A
Trulite Glass and Aluminum Solutions	Lithia Springs, GA	6113	COMP+CAN	(m)		165 U	A
Trulite Glass and Aluminum Solutions	Las Vegas, NV	4219	COMPOSITE	(m)		250 U	A
Trulite Glass and Aluminum Solutions	San Antonio, TX	4342	COMPOSITE	(m)		175 U	A
Trulite Glass and Aluminum Solutions	Phoenix, AZ	5706	COMPOSITE	(m)		250 U	A
Trulite Glass and Aluminum Solutions	Youngsville, NC	5279	COMPOSITE	(s)		165 U	A
Trulite Glass and Aluminum Solutions	Houston, TX	3931	COMP+CAN	(m)		175 U	A
Trulite Glass and Aluminum Solutions	Sacramento, CA	5816	COMPOSITE	(d)(IN)		125 U	A
Trulite Glass and Aluminum Solutions	City of Industry, CA	4373	COMPOSITE	(s)		250 U	A
Trulite Glass and Aluminum Solutions	Salt Lake City, UT	6006	COMPOSITE	(m)		125 U	A
Trulite Glass and Aluminum Solutions	Fort Worth, TX	5404	COMPOSITE	(m)		175 U	A
Trulite Glass and Aluminum Solutions	Aurora, CO	5349	COMPOSITE	(s)		175 U	A
Trulite Glass and Aluminum Solutions	Orlando, FL	5190	COMPOSITE	(m)		285 U	A
Trulite Glass and Aluminum Solutions	Fresno, CA	5830	COMPOSITE	(d)		125 U	A
U.S. Glass Distributors Inc.	Enfield, CT	5918	COMP+CAN	(m)		400 U	A
United Plate Glass Company of Charlotte	Lincolnton, NC	3955	COMP+CAN	(d)		165 U	A
W. A. Wilson Inc.	Wheeling, WV	4175	COMPOSITE	(d)		200 U	A
Wisconsin Shower Door & Supply Corp	Menomonee Falls, WI	5594	COMPOSITE	(s)		600 U	A
WSD Glass, Inc.	Winston-Salem, NC	4051	COMPOSITE	(s)		165 U	A
<i>7/32 Inch Tempered Patterned Glass</i>							
Guardian Fabrication Inc.	Webster, MA	3024	COMPOSITE	(m)		100 U	A
<i>1/4 Inch Tempered Patterned Glass</i>							
Aldora Aluminum and Glass Products Inc.	Charleston, SC	4338	COMPOSITE	(m)		285 U	A
American Shower Door	Los Angeles, CA	3042	COMPOSITE	(s)		250 U	A
Basco Engineered Products	Hamilton, OH	4689	COMPOSITE	(s)		200 U	A
Cardinal CG	Loveland, CO	5720	COMPOSITE	(d)		500 U	A
Cardinal CT	Adel, GA	6174	COMPOSITE	(s)		165 U	A
Cardinal IG	Ocala, FL	4587	COMPOSITE	(s)		285 U	A
Consolidated Glass Corp.	New Castle, PA	4714	COMP+CAN	(m)		285 U	A
Contractors Wardrobe	Valencia, CA	3476	COMP+CAN	(m)		250 U	A
Coral Industries Glass Division	Tuscaloosa, AL	2944	COMPOSITE	(d)		165 U	A
Denver Glass Interiors, Inc.	Englewood, CO	4507	COMPOSITE	(m)		175 U	A
Dongguan Trillion Aluminum Glass Co., Ltd	Dongguan, Guangdong, China	5864	COMPOSITE	(s)		285 U	A
Flat Glass Distributors	Jacksonville, FL	3831	COMPOSITE	(s)		285 U	A

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>		<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
1/4 Inch Tempered Patterned Glass							
Fujian Xihe Sanitary Ware Technology Co., Ltd	Nan'an Fujian China	5218	COMPOSITE	(s)		285 U	A
GGI Glass Distributors Corp.	Secaucus, NJ	3972	COMPOSITE	(s)		100 U	A
GlassFab Tempering Services, Inc. Mariani Ct.	Tracy, CA	4896	COMPOSITE	(m)		125 U	A
Guardian Fabrication Inc.	Webster, MA	4656	COMPOSITE	(s)		100 U	A
Guardian IG LLC	Sun Prairie, WI	5647	COMP+CAN	(d)		600 U	A
Guardian Industries Corp.	Richburg, SC	3002	COMPOSITE	(m)		285 U	A
Guardian Industries Corp.	Corsicana, TX	5142	COMP+CAN	(m)		175 U	A
Guardian Industries Corp.	Kingsburg, CA	1882	COMP+CAN	(m)		125 U	A
Intex Glass (Xiamen) Co., Ltd.	Xiamen, Fujian, China	6133	COMP+CAN	(s)		200 U	A
Jiaxing Joinbath Corporation	Jiaxing, Zhejiang, China	5712	COMPOSITE	(m)		125 U	A
Kohler Company	Union City, TN	2918	COMPOSITE	(IN)(m)		165 U	A
McGrory Glass	Paulsboro, NJ	4818	COMPOSITE	(s)		100 U	A
Mercer Glass Fab LLC	Trenton, NJ	4257	COMPOSITE	(m)		100 U	A
Midwest Glass Fabricators Inc.	Highland, MI	6036	COMP+CAN	(s)		200 U	A
Oldcastle BuildingEnvelope®	Warrenton, MO	3154	COMP+CAN	(m)		500 U	A
Oldcastle BuildingEnvelope®	Houston, TX	3165	COMP+CAN	(m)		175 U	A
Oldcastle BuildingEnvelope®	Denver, CO	3320	COMP+CAN	(s)		125 U	A
Oldcastle BuildingEnvelope®	Miami, FL	4477	COMP+CAN	(d)		285 U	A
Oldcastle BuildingEnvelope®	Phoenix, AZ	3999	COMP+CAN	(s)		125 U	A
Oldcastle BuildingEnvelope®	Albertville, MN	3561	COMP+CAN	(s)		150 U	A
Oldcastle BuildingEnvelope®	Schofield, WI	3179	COMP+CAN	(d)		600 U	A
Oldcastle BuildingEnvelope®	Indianapolis, IN	5442	COMP+CAN	(d)		150 U	A
Oldcastle BuildingEnvelope®	Tampa, FL	3125	COMP+CAN	(m)		285 U	A
Oldcastle BuildingEnvelope®	Los Angeles, CA	4133	COMP+CAN	(s)		125 U	A
Oldcastle BuildingEnvelope®	Calgary, AB	3275	COMP+CAN	(m)		750 U	A
Oldcastle BuildingEnvelope®	Moorestown, NJ	3189	COMP+CAN	(m)		100 U	A
Oldcastle BuildingEnvelope®	Fremont, CA	3907	COMP+CAN	(m)		125 U	A
Oldcastle BuildingEnvelope®	Vancouver, WA	3229	COMP+CAN	(m)		195 U	A
Oldcastle BuildingEnvelope®	Covington, GA	3339	COMP+CAN	(m)		165 U	A
Oldcastle BuildingEnvelope®	Perrysburg, OH	3244	COMP+CAN	(m)		100 U	A
Oldcastle BuildingEnvelope®	Rock Hill, SC	3284	COMP+CAN	(d)		165 U	A
PFG Glass	Langley, BC	3711	COMP+CAN	(m)		750 U	A
Quaker Window Products, Inc.	Freeburg, MO	2970	COMP+CAN	(IN)(m)		150 U	A
Quality Enclosures Tempering, Inc.	Port Orange, FL	6248	COMPOSITE	(s)		165 U	A
Tai Sheng (Dong Guan) Glass Co.,Ltd	Dongguan, Guangdong, China	5068	COMP+CAN	(m)		285 U	A
Techni-Glass, Inc.	Surgoinsville, TN	3060	COMP+CAN	(m)		285 U	A
Trulite Glass and Aluminum Solutions	City of Industry, CA	4189	COMPOSITE	(s)		250 U	A
Trulite Glass and Aluminum Solutions	Salt Lake City, UT	6007	COMPOSITE	(s)		125 U	A
Trulite Glass and Aluminum Solutions	Phoenix, AZ	5707	COMPOSITE	(s)		250 U	A
Trulite Glass and Aluminum Solutions	Tulsa, OK	5450	COMPOSITE	(m)		175 U	A
Trulite Glass and Aluminum Solutions	Fresno, CA	5831	COMPOSITE	(m)		125 U	A
Trulite Glass and Aluminum Solutions	Lithia Springs, GA	6114	COMP+CAN	(m)		165 U	A
Trulite Glass and Aluminum Solutions	Sacramento, CA	5817	COMPOSITE	(m)(IN)		125 U	A
Trulite Glass and Aluminum Solutions	Orlando, FL	5191	COMPOSITE	(m)		285 U	A
Trulite Glass and Aluminum Solutions	Knoxville, TN	4980	COMPOSITE	(d)		285 U	A
Trulite Glass and Aluminum Solutions	Las Vegas, NV	4220	COMPOSITE	(m)		250 U	A
Trulite Glass and Aluminum Solutions	Fremont, CA	5804	COMPOSITE	(m)		125 U	A
U.S. Glass Distributors Inc.	Enfield, CT	5919	COMP+CAN	(s)		400 U	A
Wisconsin Shower Door & Supply Corp	Menomonee Falls, WI	5595	COMPOSITE	(m)		600 U	A

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>		<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
3/8 Inch Tempered Patterned Glass							
Aldora Aluminum and Glass Products Inc.	Charleston, SC	4339	COMPOSITE	(s)		285 U	A
American Shower Door	Los Angeles, CA	3043	COMPOSITE	(s)		250 U	A
Basco Engineered Products	Hamilton, OH	5203	COMPOSITE	(m)		200 U	A
Consolidated Glass Corp.	New Castle, PA	4785	COMP+CAN	(s)		285 U	A
Contractors Wardrobe	Valencia, CA	3477	COMP+CAN	(s)		250 U	A
Coral Industries Glass Division	Tuscaloosa, AL	2945	COMPOSITE	(d)		165 U	A
Denver Glass Interiors, Inc.	Englewood, CO	4508	COMPOSITE	(s)		175 U	A
Downey Glass Industries, LLC	Pompano Beach, FL	4626	COMPOSITE	(s)		285 U	A
Flat Glass Distributors	Jacksonville, FL	4638	COMPOSITE	(s)		285 U	A
GGI Glass Distributors Corp.	Secaucus, NJ	3973	COMPOSITE	(s)		100 U	A
GlassFab Tempering Services, Inc. Mariani Ct.	Tracy, CA	4897	COMPOSITE	(s)		125 U	A
Guardian Industries Corp.	Richburg, SC	3003	COMPOSITE	(m)		285 U	A
Guardian Industries Corp.	Corsicana, TX	5133	COMP+CAN	(m)		175 U	A
Guardian Industries Corp.	Galax, VA	4627	COMP+CAN	(s)		285 U	A
Interglass Corp	Miami, FL	5027	COMPOSITE	(s)		285 U	A
McGrory Glass	Paulsboro, NJ	4819	COMPOSITE	(s)		100 U	A
Mercer Glass Fab LLC	Trenton, NJ	4258	COMPOSITE	(m)		100 U	A
Midwest Glass Fabricators Inc.	Highland, MI	6037	COMP+CAN	(m)		200 U	A
Oldcastle BuildingEnvelope®	Vancouver, WA	3230	COMP+CAN	(m)		195 U	A
Oldcastle BuildingEnvelope®	Covington, GA	3340	COMP+CAN	(s)		165 U	A
Oldcastle BuildingEnvelope®	Denver, CO	3321	COMP+CAN	(s)		125 U	A
Oldcastle BuildingEnvelope®	Houston, TX	3166	COMP+CAN	(s)		175 U	A
Oldcastle BuildingEnvelope®	Grand Prairie, TX	3428	COMP+CAN	(s)		175 U	A
Oldcastle BuildingEnvelope®	Albertville, MN	3127	COMP+CAN	(m)		150 U	A
Oldcastle BuildingEnvelope®	Moorestown, NJ	3190	COMP+CAN	(s)		100 U	A
Oldcastle BuildingEnvelope®	Langley, BC	4710	COMP+CAN	(s)		750 U	A
Oldcastle BuildingEnvelope®	Miami, FL	3503	COMP+CAN	(s)		285 U	A
Oldcastle BuildingEnvelope®	Perrysburg, OH	3245	COMP+CAN	(s)		100 U	A
Oldcastle BuildingEnvelope®	Warrenton, MO	3155	COMP+CAN	(d)		500 U	A
Oldcastle BuildingEnvelope®	Los Angeles, CA	3793	COMP+CAN	(d)		125 U	A
Oldcastle BuildingEnvelope®	Rock Hill, SC	3285	COMP+CAN	(d)		165 U	A
Oldcastle BuildingEnvelope®	Calgary, AB	3262	COMP+CAN	(d)		750 U	A
Oldcastle BuildingEnvelope®	Concord, ON	3448	COMP+CAN	(s)		100 U	A
Oldcastle BuildingEnvelope®	Tampa, FL	4340	COMP+CAN	(s)		285 U	A
Oldcastle BuildingEnvelope®	Fremont, CA	3203	COMP+CAN	(s)		125 U	A
Oldcastle BuildingEnvelope®	Phoenix, AZ	3729	COMP+CAN	(s)		125 U	A
Oldcastle BuildingEnvelope®	Indianapolis, IN	3259	COMP+CAN	(s)		150 U	A
Quality Enclosures Tempering, Inc.	Port Orange, FL	6249	COMPOSITE	(s)		165 U	A
SIGCO, Inc.	Westbrook, ME	4206	COMPOSITE	(s)		100 U	A
Troy Systems LLC	Manassas, VA	5123	COMPOSITE	(s)		100 U	A
Trulite Glass and Aluminum Solutions	Las Vegas, NV	4221	COMPOSITE	(s)		250 U	A
Trulite Glass and Aluminum Solutions	Sacramento, CA	5818	COMPOSITE	(s)(IN)		125 U	A
Trulite Glass and Aluminum Solutions	Tulsa, OK	5451	COMPOSITE	(s)		175 U	A
Trulite Glass and Aluminum Solutions	Fremont, CA	5805	COMPOSITE	(S)		125 U	A
Trulite Glass and Aluminum Solutions	Fresno, CA	5832	COMPOSITE	(S)		125 U	A
Trulite Glass and Aluminum Solutions	Salt Lake City, UT	6008	COMPOSITE	(s)		125 U	A
Trulite Glass and Aluminum Solutions	Phoenix, AZ	5747	COMPOSITE	(s)		250 U	A
Trulite Glass and Aluminum Solutions	Fort Worth, TX	5405	COMPOSITE	(m)		175 U	A
Trulite Glass and Aluminum Solutions	Aurora, CO	5350	COMPOSITE	(s)		175 U	A
Trulite Glass and Aluminum Solutions	Cheswick, PA	4453	COMPOSITE	(s)		100 U	A
Trulite Glass and Aluminum Solutions	Orlando, FL	5192	COMPOSITE	(s)		285 U	A

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		<u>SGCC #</u>	<u>Standard</u>		<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
3/8 Inch Tempered Patterned Glass							
Trulite Glass and Aluminum Solutions	Lithia Springs, GA	6115	COMP+CAN	(s)		165 U	A
Trulite Glass and Aluminum Solutions	City of Industry, CA	4374	COMPOSITE	(s)		250 U	A
Trulite Glass and Aluminum Solutions	Knoxville, TN	5134	COMPOSITE	(m)		285 U	A
U.S. Glass Distributors Inc.	Enfield, CT	5920	COMP+CAN	(s)		400 U	A
W. A. Wilson Inc.	Wheeling, WV	4176	COMPOSITE	(s)		200 U	A
Wisconsin Shower Door & Supply Corp	Menomonee Falls, WI	5596	COMPOSITE	(m)		600 U	A
1/2 Inch Tempered Patterned Glass							
GGI Glass Distributors Corp.	Secaucus, NJ	3974	COMPOSITE	(IN)(s)		100 U	A
McGrory Glass	Paulsboro, NJ	4820	COMPOSITE	(s)		100 U	A
Wisconsin Shower Door & Supply Corp	Menomonee Falls, WI	5597	COMPOSITE	(m)		600 U	A
Tempered Bent Patterned Glass							
3/16 Inch Tempered Bent Patterned Glass							
Tai Sheng (Dong Guan) Glass Co.,Ltd	Dongguan, Guangdong, China	6054	COMP+CAN	(s)		285 U	A
6 mm Tempered Bent Patterned Glass (Conforms to thickness tolerance other than ASTM C1036)							
Bendheim Wall Systems	Wunsiedel-Holenbrunn, Germany	5145	COMPOSITE	(s)(2)		100 20x76	A
7 mm Tempered Bent Patterned Glass (Conforms to thickness tolerance other than ASTM C1036)							
Bendheim Wall Systems	Wunsiedel-Holenbrunn, Germany	5144	COMPOSITE	(s)(2)		100 16x76	A
Tempered Bent Glass							
5/32 Inch Tempered Bent Glass							
Anthony International	Madison, GA	6099	COMPOSITE			165 U	A
JYC Glass Co. Ltd.	Foshan, Guangdong, China	3991	COMP+CAN			125 U	A
Valentini Glass & Components srl	Brescia, Italy	4246	COMPOSITE			400 U	A
3/16 Inch Tempered Bent Glass							
Anthony International	Madison, GA	2306	COMPOSITE			165 U	A
Jiaxing Joinbath Corporation	Jiaxing, Zhejiang, China	5713	COMPOSITE			125 U	A
JYC Glass Co. Ltd.	Foshan, Guangdong, China	3992	COMP+CAN			125 U	A
Paragon Tempered Glass	Antwerp, OH	5242	COMPOSITE			500 U	A
Sfera SRL	Meolo (VE), Italy	6078	COMP+CAN			400 U	A
Tai Sheng (Dong Guan) Glass Co.,Ltd	Dongguan, Guangdong, China	6053	COMP+CAN			285 U	A
Yao Xiang Glass Product Co. Ltd.	Foshan, Guangdong, China	3742	COMP+CAN			285 U	A
1/4 Inch Tempered Bent Glass							
Anthony International	Madison, GA	2307	COMPOSITE			165 U	A
Dlubak Corporation	Blairsville, PA	5965	COMPOSITE			100 U	A
Foshan Gaoming Yaqi Toughened Glass	Foshan City, Guangdong Province	6123	COMPOSITE			125 U	A
Foshan Nanhai Gangsheng Tempered Glass Factory	Foshan, Guangdong, China	5550	COMP+CAN	(IN)		125 U	A
Jiangmen SYP Engineering Glass	Jiangmen, Guangdong, China	5052	COMP+CAN			125 U	A
JYC Glass Co. Ltd.	Foshan, Guangdong, China	3993	COMP+CAN			125 U	A
Paragon Tempered Glass	Antwerp, OH	4811	COMPOSITE			500 U	A
Sfera SRL	Meolo (VE), Italy	6079	COMP+CAN			400 U	A
Standard Bent Glass	East Butler, PA	6153	COMP+CAN			400 U	A
Tai Sheng (Dong Guan) Glass Co.,Ltd	Dongguan, Guangdong, China	6055	COMP+CAN			285 U	A
Valentini Glass & Components srl	Brescia, Italy	2898	COMPOSITE			400 U	A
Yao Xiang Glass Product Co. Ltd.	Foshan, Guangdong, China	3743	COMP+CAN			285 U	A
Yong Feng Tai Foshan City Glas Co., LTD.	Foshan, Guangdong, China	5894	COMPOSITE			285 U	A

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>	<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
<i>6 mm Tempered Bent Glass (Conforms to thickness tolerance other than ASTM C1036)</i>						
Bendheim Wall Systems	Wunsiedel-Holenbrunn, Germany	2570	COMPOSITE	(2)	100 20x76	A
<i>7 mm Tempered Bent Glass (Conforms to thickness tolerance other than ASTM C1036)</i>						
Bendheim Wall Systems	Wunsiedel-Holenbrunn, Germany	2569	COMPOSITE	(2)	100 16x76	A
<i>5/16 Inch Tempered Bent Glass</i>						
Foshan Gaoming Yaqi Toughened Glass	Foshan City, Guangdong Province	6124	COMPOSITE		125 U	A
Foshan Nanhai Gangsheng Tempered Glass Factory	Foshan, Guangdong, China	5551	COMP+CAN	(IN)	125 U	A
Jiangmen SYP Engineering Glass	Jiangmen, Guangdong, China	5053	COMP+CAN		125 U	A
JYC Glass Co. Ltd.	Foshan, Guangdong, China	3994	COMP+CAN		125 U	A
Sfera SRL	Meolo (VE), Italy	6080	COMP+CAN		400 U	A
Standard Bent Glass	East Butler, PA	6154	COMP+CAN		400 U	A
Tai Sheng (Dong Guan) Glass Co.,Ltd	Dongguan, Guangdong, China	6142	COMP+CAN		285 U	A
<i>3/8 Inch Tempered Bent Glass</i>						
Foshan Nanhai Gangsheng Tempered Glass Factory	Foshan, Guangdong, China	5552	COMP+CAN	(IN)	125 U	A
Jiangmen SYP Engineering Glass	Jiangmen, Guangdong, China	5054	COMP+CAN		125 U	A
Sfera SRL	Meolo (VE), Italy	6081	COMP+CAN		400 U	A
Standard Bent Glass	East Butler, PA	6155	COMP+CAN		400 U	A
<i>1/2 Inch Tempered Bent Glass</i>						
Jiangmen SYP Engineering Glass	Jiangmen, Guangdong, China	5055	COMP+CAN		125 U	A
Standard Bent Glass	East Butler, PA	6156	COMP+CAN		400 U	A
<u>Laminated Transparent Glass</u>						
<i>(S) Laminated Transparent Glass</i>						
5mm Cardinal LG	Amery, WI	4120	COMP+CAN	(.015)(C1) (b)(A)	150 U	B
5-6mm Cardinal LG	Amery, WI	4350	COMP+CAN	(.035) (ip)(A)	150 U	A
5-6mm Cardinal LG	Amery, WI	2976	COMP+CAN	(.030) (b)(A)	150 U	A
5-6mm Cardinal LG Northeast	Jessup, PA	5224	COMP+CAN	(.030) (b)(A)	400 U	A
5-6mm Pennsylvania Insulating Glass	Lewistown, PA	3918	COMPOSITE	(.030) (b)(A)	100 U	A
5-6mm Trulite Glass and Aluminum Solutions	Grenada, MS	4743	COMPOSITE	(.015) (b)(A)	500 U	B
<i>(S) Laminated Transparent Glass</i>						
6mm Berkowitz, J.E.	Pedricktown, NJ	5222	COMP+CAN	(.030) (b)(A)	100 U	A
6mm Cardinal IG	Ocala, FL	6100	COMP+CAN	(.035) (ip)(A)	285 U	A
6mm Cardinal IG	Ocala, FL	3509	COMPOSITE	(.030) (b)(A)	285 U	A
6mm Consolidated Armor Products, LLC	Addison, TX	5418	COMP+CAN	(.030) (b)(A)	175 U	A
6mm Dlubak Corporation	Blairsville, PA	5685	COMPOSITE	(.030) (b)(A)	100 U	A
6mm Downey Glass Industries, LLC	Pompano Beach, FL	5121	COMPOSITE	(.035) (ip)(A)	285 U	A
6mm Fairis C.A.	Ambato, Tungurahua, Ecuador	4722	COMPOSITE	(.030) (b)(A)	285 U	A
6mm Glass Dynamics, Inc.	Stoneville, NC	4413	COMPOSITE	(.035) (ip)(A)	285 U	A
6mm Glass Dynamics, Inc.	Stoneville, NC	4375	COMPOSITE	(.030) (b)(A)	285 U	A
6mm Global Security Glazing	Selma, AL	4769	COMP+CAN	(.030) (b)(A)	285 U	A
6mm Guardian Industries Corp.	Galax, VA	4633	COMP+CAN	(.030) (b)(A)	285 U	A
6mm Guardian Industries Corp.	Galax, VA	4800	COMP+CAN	(.075) (b)(p)(el)(6)(A)	285 U	A
6mm Insulite Glass Co., Inc.	Olathe, KS	3718	COMPOSITE	(.030) (b)(A)	150 U	A
6mm Intus Windows LLC	Fairfax, VA	6202	COMPOSITE	(.030) (b)(A)	100 U	A
6mm Kawneer - (Cranberry) a division of Alcoa	Cranberry Township, PA	5369	COMPOSITE	(.030) (b)(A)	100 U	A
6mm Multiver Inc.	Montreal, QC	5913	COMP+CAN	(.015) (b)(A)	400 U	B
6mm Nashville Tempered Glass LLC	Hendersonville, TN	5229	COMP+CAN	(.015) (b)(A)	285 U	B

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>		<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
(S) Laminated Transparent Glass							
6mm Oldcastle BuildingEnvelope®	Los Angeles, CA	4346	COMP+CAN	(.030) (b)(A)		125 U	A
6mm Oldcastle BuildingEnvelope®	Wright City, MO	4528	COMP+CAN	(.035) (ip)(A)		150 U	A
6mm Oldcastle BuildingEnvelope®	Perrysburg, OH	4700	COMP+CAN	(.030) (b)(A)		100 U	A
6mm Oldcastle BuildingEnvelope®	Grand Prairie, TX	5459	COMP+CAN	(.030) (b)(A)		175 U	A
6mm Oldcastle BuildingEnvelope®	Miami, FL	4001	COMP+CAN	(.030) (b)(A)		285 U	A
6mm Oldcastle BuildingEnvelope®	Tampa, FL	4448	COMP+CAN	(.030) (b)(A)		285 U	A
6mm Oldcastle BuildingEnvelope®	Wright City, MO	4526	COMP+CAN	(.030) (b)(A)		150 U	A
6mm Oldcastle BuildingEnvelope®	Miami, FL	4397	COMP+CAN	(.035) (ip)(A)		285 U	A
6mm Oldcastle BuildingEnvelope®	Schofield, WI	3176	COMP+CAN	(.030) (b)(A)		600 U	A
6mm Oldcastle BuildingEnvelope®	Los Angeles, CA	5630	COMP+CAN	(.035) (ip)(A)		125 U	A
6mm Oldcastle BuildingEnvelope®	Denver, CO	4533	COMP+CAN	(.030) (b)(A)		125 U	A
6mm Oldcastle BuildingEnvelope®	Hauppauge, NY	3392	COMP+CAN	(.030) (b)(A)		400 U	A
6mm Oldcastle BuildingEnvelope®	Langley, BC	4475	COMP+CAN	(.030) (b)(A)		750 U	B
6mm Oldcastle BuildingEnvelope®	Fremont, CA	6195	COMP+CAN	(.030) (b)(A)		125 U	A
6mm Oldcastle BuildingEnvelope®	Pointe-aux-Trembles, QC	4432	COMP+CAN	(.035) (ip)(A)		100 U	A
Canada Inc.							
6mm Oldcastle BuildingEnvelope®	Pointe-aux-Trembles, QC	5025	COMP+CAN	(.030) (b)(A)		100 U	A
Canada Inc.							
6mm Oldcastle BuildingEnvelope®	Pointe-aux-Trembles, QC	5024	COMP+CAN	(.015)(C1) (b)(A)		100 U	B
Canada Inc.							
6mm Phoenicia Flat Glass Industries	Nazaret, Ilit Israel	5786	COMPOSITE	(.015) (b)(A)		100 U	B
6mm Phoenicia Flat Glass Industries	Nazaret, Ilit Israel	5290	COMPOSITE	(.030) (b)(A)		100 U	A
6mm Prelco Inc.	Riviere-du-loup, QC	4905	COMP+CAN	(.030) (b)(A)		800 U	A
6mm Qingdao Laurel Enterprise Co., Ltd.	Qingdao City, China	5689	COMPOSITE	(.015) (b)(A)		200 U	A
6mm Rizhao Huaye Glass Co., Ltd.	Rizhao, Shandong	5580	COMP+CAN	(.015) (b)(A)		285 U	B
6mm SAAND Rexdale	Rexdale, ON	5001	COMP+CAN	(.030) (b)(A)		400 U	A
6mm Saint Gobain Mexico, S.A. de C.V.	Cuautla, Morelos, Mexico	5907	COMPOSITE	(.030) (b)(A)		400 U	A
6mm Saint Gobain Mexico, S.A. de C.V.	Cuautla, Morelos, Mexico	5905	COMPOSITE	(.015) (b)(A)		400 U	B
6mm Shanghai SYP Building Glass	Shanghai, China	2779	COMPOSITE	(.030) (b)(A)		125 U	A
6mm SIGCO, Inc.	Westbrook, ME	6012	COMP+CAN	(.030) (b)(A)		100 U	A
6mm Tacoma Glass Mfg. Inc.	Lakewood, WA	5112	COMPOSITE	(.030) (b)(A)		195 U	A
6mm Taiwan Glass Industry Corp.	Taipei, Taiwan, China	5490	COMP+CAN	(.030) (b)(A)		750 U	A
6mm Thermo BSL	Riviere-du-loup, QC	5672	COMP+CAN	(.030) (b)(A)		800 U	A
6mm Tri-Star Glass, Inc.	Catoosa, OK	5441	COMPOSITE	(.030) (b)(A)		175 U	A
6mm Triview Glass Industries	City of Industry, CA	5047	COMP+CAN	(.030) (b)(A)		250 U	A
6mm Trulite Glass and Aluminum Solutions	Lithia Springs, GA	6108	COMP+CAN	(.030) (b)(A)		165 U	A
6mm Trulite Glass and Aluminum Solutions	Lithia Springs, GA	6110	COMP+CAN	(.035) (ip)(A)		165 U	A
6mm Trulite Glass and Aluminum Solutions	Houston, TX	5434	COMP+CAN	(.030) (b)(A)		175 U	A
6mm Trulite Glass and Aluminum Solutions	City of Industry, CA	4233	COMPOSITE	(.030) (b)(A)		250 U	A
6mm Trulite Glass and Aluminum Solutions	Vaughan, ON	5631	COMP+CAN	(.030) (b)(A)		450 U	A
6mm Trulite Glass and Aluminum Solutions	New Berlin, WI	3430	COMPOSITE	(.030) (b)(A)		150 U	A
6mm Trulite Glass and Aluminum Solutions	Fort Worth, TX	3603	COMPOSITE	(.030) (b)(A)		175 U	A
6mm Trulite Glass and Aluminum Solutions	Columbus, OH	3407	COMPOSITE	(.030) (b)(A)		200 U	A
6mm Trulite Glass and Aluminum Solutions	Youngsville, NC	4437	COMPOSITE	(.030) (b)(A)		165 U	A

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<i>(S) Laminated Transparent Glass</i>						
6mm Trulite Glass and Aluminum Solutions	Orlando, FL	3461	COMPOSITE	(.030) (b)(A)	285 U	A
6mm Trulite Glass and Aluminum Solutions	Houston, TX	6045	COMP+CAN	(.035) (ip)(A)	175 U	A
6mm Vidrio Bisel S.A. de C.V.	Santa Catarina, Nuevo Leon, Mexico	4968	COMPOSITE	(.030) (b)(A)	175 U	A
6mm Vidrio Bisel S.A. de C.V.	Santa Catarina, Nuevo Leon, Mexico	4969	COMPOSITE	(.015)(C1) (b)(A)	175 U	B
6mm Vidrios el Castillo SC de RL de CV	Escobedo, Nuevo Leon, Mexico	6083	COMP+CAN	(.030) (b)(A)	175 U	A
6mm Vidrios el Castillo SC de RL de CV	Escobedo, Nuevo Leon, Mexico	6058	COMP+CAN	(.015) (b)(A)	175 U	B
6mm Viracon Inc.	St. George, UT	6116	COMPOSITE	(.030) (b)(A)	125 U	A
6mm Viracon Inc.	Owatonna, MN	1637	COMP+CAN	(.030) (b)(A)	150 U	A
6mm Viracon Inc.	Statesboro, GA	5017	COMP+CAN	(.030) (b)(A)	165 U	A
6mm Xinyi Glass (Tianjin) Co. Ltd.	Tianjin, China	5538	COMP+CAN	(.030) (b)(A)	195 U	A
6mm Xinyi Group (Glass) Co., Ltd.	Dongguan, Guangdong, China	3056	COMP+CAN	(.030) (b)(A)	165 U	A
<i>(H) Laminated Transparent Glass</i>						
8-16+mm Al Abbar Architectural Glass	Dubai, United Arab Emirates	3560	COMPOSITE	(.030) (b)(A)	100 U	A
8, 12mm Aldora Aluminum and Glass Products Inc.	Charleston, SC	4337	COMPOSITE	(.060) (lu)(A)	285 U	A
8-16+mm Berkowitz, J.E.	Pedricktown, NJ	3750	COMP+CAN	(.030) (b)(A)	100 U	A
8-12mm Cardinal IG	Ocala, FL	3510	COMPOSITE	(.030) (b)(A)	285 U	A
8-12mm Cardinal IG	Ocala, FL	4362	COMPOSITE	(.035) (ip)(A)	285 U	A
8-12mm Cardinal LG	Amery, WI	4351	COMP+CAN	(.035) (ip)(A)	150 U	A
8-12mm Cardinal LG	Amery, WI	2462	COMP+CAN	(.030) (b)(A)	150 U	A
8-12mm Cardinal LG Northeast	Jessup, PA	5225	COMP+CAN	(.030) (b)(A)	400 U	A
8mm Changshu Zhongxin Bldg. Mat. Co.	Changshu City, China	4363	COMP+CAN	(.090) (b)(A)	750 U	A
8-16+mm Consolidated Armor Products, LLC	Addison, TX	5419	COMP+CAN	(.030) (b)(A)	175 U	A
8-12mm Dongguan CSG Architectural Glass Co., Ltd.	Dongguan, Guangdong, China	4167	COMP+CAN	(.030) (b)(A)	125 U	A
8-12mm Dongguan Dongfa Glass Product Co., Ltd	Dongguan, Guangdong, China	4123	COMP+CAN	(.030) (b)(A)	285 U	A
8-16+mm Galaxy Glass & Stone	Fairfield, NJ	3661	COMP+CAN	(.060)	100 U	A
8-16+mm Glass Dynamics, Inc.	Stoneville, NC	4376	COMPOSITE	(.030) (b)(A)	285 U	A
8-16+mm Glass Dynamics, Inc.	Stoneville, NC	4414	COMPOSITE	(.035) (ip)(A)	285 U	A
8-10mm Guardian Industries Corp.	Galax, VA	4829	COMP+CAN	(.075) (b)(p)(el)(6)(A)	285 U	A
8mm Guardian Industries Corp.	Galax, VA	4658	COMP+CAN	(.030) (b)(A)	285 U	A
8mm Gulf Glass Industries, LLC	Sharjah, United Arab Emirates	4799	COMPOSITE	(.030) (b)(A)	100 U	A
8mm Hanwood Enterprises Limited	Wanchai, Hong Kong	6003	COMPOSITE	(.090) (b)(A)	125 U	A
8mm Insulite Glass Co., Inc.	Olathe, KS	3720	COMPOSITE	(.060) (b)(A)	150 U	A
8-16+mm Jiangmen SYP Engineering Glass	Jiangmen, Guangdong, China	4312	COMP+CAN	(.030) (b)(A)	125 U	A
8, 12mm Kawneer - (Cranberry) a division of Alcoa	Cranberry Township, PA	2715	COMPOSITE	(.060) (b)(A)	100 U	A
8-12mm Kawneer - (Cranberry) a division of Alcoa	Cranberry Township, PA	2748	COMPOSITE	(.090) (ip)(A)	100 U	A
8mm McGrory Glass	Paulsboro, NJ	5262	COMPOSITE	(.045) (b)(A)	100 U	A
8-16+mm Multiver Inc.	Montreal, QC	5916	COMP+CAN	(.060) (ip)(A)	400 U	A
8mm Multiver Inc.	Montreal, QC	5914	COMP+CAN	(.015) (b)(A)	400 U	B
8, 12-16+mm Oldcastle BuildingEnvelope®	Hauppauge, NY	5355	COMP+CAN	(.060) (ip)(A)	400 U	A
8-16+mm Oldcastle BuildingEnvelope®	Miami, FL	4398	COMP+CAN	(.030) (b)(A)	285 U	A

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<i>(H) Laminated Transparent Glass</i>						
8-16+mm Oldcastle BuildingEnvelope®	Perrysburg, OH	4446	COMP+CAN	(.030) (b)(A)	100 U	A
8-16+mm Oldcastle BuildingEnvelope®	Perrysburg, OH	4444	COMP+CAN	(.060) (ip)(A)	100 U	A
8-16+mm Oldcastle BuildingEnvelope®	Langley, BC	4476	COMP+CAN	(.030) (b)(A)	750 U	B
8-16+mm Oldcastle BuildingEnvelope®	Hauppauge, NY	4618	COMP+CAN	(.030) (b)(A)	400 U	A
8-16+mm Oldcastle BuildingEnvelope®	Fremont, CA	4460	COMP+CAN	(.030) (b)(A)	125 U	A
8-16+mm Oldcastle BuildingEnvelope®	Los Angeles, CA	4563	COMP+CAN	(.030) (b)(A)	125 U	A
8-16+mm Oldcastle BuildingEnvelope®	Wright City, MO	4529	COMP+CAN	(.035) (ip)(A)	150 U	A
8-16+mm Oldcastle BuildingEnvelope®	Los Angeles, CA	4561	COMP+CAN	(.035) (ip)(A)	125 U	A
8-16+mm Oldcastle BuildingEnvelope®	Schofield, WI	4558	COMP+CAN	(.030) (b)(A)	600 U	A
8-16+mm Oldcastle BuildingEnvelope®	Wright City, MO	4527	COMP+CAN	(.030) (b)(A)	150 U	A
8-16+mm Oldcastle BuildingEnvelope®	Denver, CO	4454	COMP+CAN	(.030) (b)(A)	125 U	A
8-16+mm Oldcastle BuildingEnvelope®	Houston, TX	4402	COMP+CAN	(.030) (b)(A)	175 U	A
8-16+mm Oldcastle BuildingEnvelope®	Tampa, FL	4449	COMP+CAN	(.030) (b)(A)	285 U	A
8-16+mm Oldcastle BuildingEnvelope®	Fremont, CA	4461	COMP+CAN	(.060) (ip)(A)	125 U	A
8-16+mm Oldcastle BuildingEnvelope®	Miami, FL	4399	COMP+CAN	(.035) (ip)(A)	285 U	A
8-16+mm Oldcastle BuildingEnvelope® Canada Inc.	Pointe-aux-Trembles, QC	4435	COMP+CAN	(.030) (b)(A)	100 U	A
8-16+mm Oldcastle BuildingEnvelope® Canada Inc.	Pointe-aux-Trembles, QC	4433	COMP+CAN	(.035) (ip)(A)	100 U	A
8-12mm Pennsylvania Insulating Glass	Lewistown, PA	3919	COMPOSITE	(.030) (b)(A)	100 U	A
8-12mm PGT Industries	Nokomis, FL	2426	COMPOSITE	(.060) (b)(A)	285 U	A
8-12mm PGT Industries	Nokomis, FL	3482	COMPOSITE	(.090) (ip)(A)	285 U	A
8mm Phoenicia Flat Glass Industries	Nazaret, Ilit Israel	5629	COMPOSITE	(.030) (b)(A)	100 U	A
8-16+mm Prelco Inc.	Riviere-du-loup, QC	4906	COMP+CAN	(.030) (b)(A)	800 U	A
8-16+mm PRESS GLASS SA	Radomsko, Poland	5851	COMP+CAN	(.030) (b)(A)	800 U	A
8-16+mm PRESS GLASS SA	Tychy, Poland	5858	COMP+CAN	(.030) (b)(A)	800 U	A
8-12, 19+mm PRL Glass Systems	City of Industry, CA	5605	COMPOSITE	(.030) (b)(A)	125 U	A
8-16+mm Pulp Studio Inc.	Gardena, CA	4711	COMPOSITE	(.030) (b)(A)	250 U	A
8-16+mm Ready Glass & Mirror, Inc.	Hialeah, FL	5634	COMPOSITE	(.035) (ip)(A)	285 U	A
8-16mm Rizhao Huaye Glass Co., Ltd.	Rizhao, Shandong	5581	COMP+CAN	(.015) (b)(A)	285 U	B
8-16+mm SAAND Rexdale	Rexdale, ON	5002	COMP+CAN	(.030) (b)(A)	400 U	A
8-10mm SAGE Electrochromics Inc.	Faribault, MN	5655	COMP+CAN	(.060) (b)(A)	150 U	A
8mm Saint Gobain Mexico, S.A. de C.V.	Cuautla, Morelos, Mexico	5906	COMPOSITE	(.015) (b)(A)	400 U	B
8mm Saint Gobain Mexico, S.A. de C.V.	Cuautla, Morelos, Mexico	5908	COMPOSITE	(.030) (b)(A)	400 U	A
8-16+mm Shanghai SYP Building Glass	Shanghai, China	4807	COMPOSITE	(.035) (ip)(A)	125 U	A
8mm Shanghai SYP Building Glass	Shanghai, China	4353	COMPOSITE	(.030) (b)(A)	125 U	A
8-16+mm SIGCO, Inc.	Westbrook, ME	6013	COMP+CAN	(.030) (b)(A)	100 U	A
8-16+mm SIGCO, Inc.	Westbrook, ME	6014	COMP+CAN	(.060) (ip)(A)	100 U	A
8-12mm Tacoma Glass Mfg. Inc.	Lakewood, WA	4735	COMPOSITE	(.030) (b)(A)	195 U	A

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<i>(H) Laminated Transparent Glass</i>							
8-16+mm Tecnoglass S.A.	Barranquilla, Colombia	4003	COMP+CAN	(.030) (b)(A)	285 U	A	
8mm Thermo BSL	Riviere-du-loup, QC	5673	COMP+CAN	(.030) (b)(A)	800 U	A	
8mm Thompson I.G. LLC.	Fenton, MI	5302	COMP+CAN	(.060) (b)(A)	100 U	A	
8mm Tianjin CSG Energy Conservation Glass Co., Ltd	Tianjin, China	4030	COMPOSITE	(.030) (b)(A)	100 U	A	
8-16+mm Tianjin SYP Engineering Glass Co., Ltd.	Tianjin, China	4084	COMP+CAN	(.030) (b)(A)	125 U	A	
8mm Triview Glass Industries	City of Industry, CA	5048	COMP+CAN	(.030) (b)(A)	250 U	A	
8-12mm Trulite Glass and Aluminum Solutions	New Berlin, WI	5936	COMPOSITE	(.030) (b)(A)	150 U	A	
8-16+mm Trulite Glass and Aluminum Solutions	Vaughan, ON	5632	COMP+CAN	(.030) (b)(A)	450 U	A	
8-16+mm Trulite Glass and Aluminum Solutions	Houston, TX	4667	COMP+CAN	(.030) (b)(A)	175 U	A	
8-16+mm Trulite Glass and Aluminum Solutions	Lithia Springs, GA	6111	COMP+CAN	(.035) (ip)(A)	165 U	A	
8-16+mm Trulite Glass and Aluminum Solutions	Fort Worth, TX	5783	COMPOSITE	(.030) (b)(A)	175 U	A	
8-16+mm Trulite Glass and Aluminum Solutions	New Berlin, WI	5937	COMPOSITE	(.060) (ip)(A)	150 U	A	
8-16+mm Trulite Glass and Aluminum Solutions	Fort Worth, TX	5728	COMPOSITE	(.035) (ip)(A)	175 U	A	
8-16+mm Trulite Glass and Aluminum Solutions	City of Industry, CA	6010	COMPOSITE	(.030) (b)(A)	250 U	A	
8-16+mm Trulite Glass and Aluminum Solutions	Lithia Springs, GA	6109	COMP+CAN	(.030) (b)(A)	165 U	A	
8-16+mm Trulite Glass and Aluminum Solutions	Grenada, MS	4744	COMPOSITE	(.030) (b)(A)	500 U	A	
8-16+mm Trulite Glass and Aluminum Solutions	Youngsville, NC	5516	COMPOSITE	(.030) (b)(A)	165 U	A	
8-16+mm Trulite Glass and Aluminum Solutions	Orlando, FL	5484	COMPOSITE	(.030) (b)(A)	285 U	A	
8-10mm View Inc.	Olive Branch, MS	5841	COMPOSITE	(.060) (ip)(A)	175 U	A	
8-10mm View Inc.	Olive Branch, MS	5834	COMPOSITE	(.030) (b)(A)	175 U	A	
8-16+mm Viracon Inc.	Owatonna, MN	4249	COMP+CAN	(.030) (b)(A)	150 U	A	
8-16+mm Viracon Inc.	Statesboro, GA	4779	COMP+CAN	(.030) (b)(A)	165 U	A	
8mm Viwinco, Inc.	Morgantown, PA	3408	COMPOSITE	(.090) (b)(A)	100 U	A	
8mm Wujiang Golden Glass Technologies, Ltd.	Wujiang City,	5257	COMPOSITE	(.030) (b)(A)	125 U	A	
8,12mm Xianning CSG Energy Conservation Glass Co., LTD.	Xianning, Hubei	5984	COMPOSITE	(.030) (b)(A)	125 U	A	
8-16+mm Xinyi Glass (Tianjin) Co. Ltd.	Tianjin, China	5539	COMP+CAN	(.030) (b)(A)	195 U	A	
8-16+mm Xinyi Group (Glass) Co., Ltd.	Dongguan, Guangdong, China	3489	COMP+CAN	(.030) (b)(A)	165 U	A	
<i>(H) Laminated Transparent Glass</i>							
10-16+mm Downey Glass Industries, LLC	Pompano Beach, FL	5122	COMPOSITE	(.035) (ip)(A)	285 U	A	
10-12mm Fairis C.A.	Ambato, Tungurahua, Ecuador	4430	COMPOSITE	(.030) (b)(A)	285 U	A	
10-16+mm Flat Glass Group Co., Ltd.	Jiaxing, Zhejiang	5526	COMPOSITE	(.030) (b)(A)	125 U	A	
10-16+mm Galaxy Glass & Stone	Fairfield, NJ	5752	COMP+CAN	(.060) (ev)(A)	100 U	A	
10mm Glenly Glass Co.	Milford, OH	6194	COMPOSITE	(.030) (ev)(A)	200 U	A	
10mm Global Security Glazing	Selma, AL	6040	COMP+CAN	(.150) (b)(A)	285 U	A	
10-16+mm Guangdong Golden Glass Technologies	Shantou, Guangdong, China	3947	COMP+CAN	(.030) (b)(A)	125 U	A	
10-12mm Insulite Glass Co., Inc.	Olathe, KS	5513	COMPOSITE	(.030) (b)(A)	150 U	A	
10-16+mm Jiangmen SYP Engineering Glass	Jiangmen, Guangdong, China	4575	COMP+CAN	(.060) (ip)(A)	125 U	A	

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<i>(H) Laminated Transparent Glass</i>						
10mm Kawneer - (Cranberry) a division of Alcoa	Cranberry Township, PA	2716	COMPOSITE	(.030) (b)(A)	100 U	A
10mm Louisville Plate Glass	Louisville, KY	5093	COMPOSITE	(.060) (lu)(A)(6)	165 U	A
10-12, 20+mm M Industria S.A. DE C.V.	Merida, Yucatan Mexico	5413	COMPOSITE	(.035) (ip)(A)	285 U	A
10-12, 20+mm M Industria S.A. DE C.V.	Merida, Yucatan Mexico	5412	COMPOSITE	(.030) (b)(A)	285 U	A
10-12mm McGrory Glass	Paulsboro, NJ	5263	COMPOSITE	(.030) (b)(A)	100 U	A
10-12mm Nashville Tempered Glass LLC	Hendersonville, TN	5230	COMP+CAN	(.030) (b)(A)	285 U	A
10-16+mm Oldcastle BuildingEnvelope®	Covington, GA	4392	COMP+CAN	(.030) (b)(A)	165 U	A
10-12mm Oldcastle BuildingEnvelope®	Covington, GA	4393	COMP+CAN	(.035) (ip)(A)	165 U	A
10-12mm Saint Gobain Mexico, S.A. de C.V.	Cuautla, Morelos, Mexico	5909	COMPOSITE	(.090) (b)(A)	400 U	A
10-16+mm Shanghai SYP Building Glass	Shanghai, China	2780	COMPOSITE	(.015) (b)(A)	125 U	B
10-16+mm Shenzhen Kaitai Glass Co. Ltd	Shenzhen, China	5440	COMPOSITE	(.030) (b)(A)	285 U	A
10mm Templados Del Centro SA DE C.V.	Irapuato, Guanajuato	6170	COMPOSITE	(.060) (b)(A)	175 U	A
10mm Thermo BSL	Riviere-du-loup, QC	5674	COMP+CAN	(.090) (ip)(A)	800 U	A
10-12mm Thompson I.G. LLC.	Fenton, MI	5301	COMP+CAN	(.030) (b)(A)	100 U	A
10mm Tianjin CSG Energy Conservation Glass Co., Ltd	Tianjin, China	4106	COMPOSITE	(.045) (b)(A)	100 U	A
10-12mm Tri-Star Glass, Inc.	Catoosa, OK	4411	COMPOSITE	(.030) (b)(A)	175 U	A
10-12mm Trulite Glass and Aluminum Solutions	Grenada, MS	5898	COMPOSITE	(.035) (ip)(A)	500 U	A
10-16+ mm Trulite Glass and Aluminum Solutions	City of Industry, CA	6011	COMPOSITE	(.060) (ip)(A)	250 U	A
10-16+mm Trulite Glass and Aluminum Solutions	Houston, TX	6046	COMP+CAN	(.035) (ip)(A)	175 U	A
10-12mm Trulite Glass and Aluminum Solutions	Orlando, FL	5485	COMPOSITE	(.035) (ip)(A)	285 U	A
10-16+mm Viracon Inc.	St. George, UT	6117	COMPOSITE	(.030) (b)(A)	125 U	A
10mm Vistamatic	Coral Springs, FL	6082	COMPOSITE	(.030) (ev)(A)	285 U	A
10mm Wujiang Golden Glass Technologies, Ltd.	Wujiang City,	5258	COMPOSITE	(.035) (ip)(A)	125 U	A
<i>(H) Laminated Transparent Glass</i>						
12+mm AGNORA (Architectural Glass North America)	Collingwood, ON Canada	4886	COMP+CAN	(.030) (b)(A)	450 U	A
12mm Aldora Aluminum and Glass Products, Inc.	Miramar, FL	4789	COMPOSITE	(.090) (lu)(A)(6)	285 U	A
12mm AVIC Sanxin Co. Ltd.	Shenzhen, Guangdong, China	5765	COMPOSITE	(.030) (b)(A)	285 U	A
12-16+mm Beijing Wuhua Tianbao Glass Co.	Beijing, China	5664	COMPOSITE	(.045) (b)(A)	125 U	A
12-16+mm Carey Glass International	Nenagh, Co. Tipperary	6001	COMP+CAN	(.060) (b)(A)	100 U	A
12mm Classy Glass Specialties Co., Ltd	Dongguan, Guangdong	5169	COMPOSITE	(.060) (b)(A)	200 U	A
12mm Comercial Dialum S.A.	Santiago, Chile	5938	COMPOSITE	(.035) (ip)(A)	285 U	A
12mm Cristec Vipla SL	Balaguer, Lleida	5878	COMPOSITE	(.035) (ip)(A)	100 U	A
12mm Cristec Vipla SL	Balaguer, Lleida	5699	COMPOSITE	(.015) (b)(A)	100 U	A
12mm Dolphin Glass Specialists, LLC	Hialeah, FL	4729	COMPOSITE	(.030) (b)(A)	285 U	A
12, 19 mm GLASPRO	Santa Fe Springs, CA	6050	COMP+CAN	(.030) (b)(A)	0 U	A
12-16+mm Glass & Mirror Craft	Wixom, MI	4924	COMP+CAN	(.035) (ip)(A)	150 U	A
12mm Glasswerks LA, Inc. East	South Gate, CA	5886	COMPOSITE	(.060) (b)(A)	250 U	A
12mm Glasswerks LA, Inc. East	South Gate, CA	6057	COMPOSITE	(.060) (ip)(A)	250 U	A

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>	<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
<i>(H) Laminated Transparent Glass</i>						
12mm Global Security Glazing	Selma, AL	4770	COMP+CAN	(.060) (b)(A)	285 U	A
12mm Guangdong South Bright Glass Technology Glass Co., Ltd.	Foshan, Guangdong	6233	COMPOSITE	(.060) (b)(A)	125 U	A
12mm Kawneer - (Cranberry) a division of Alcoa	Cranberry Township, PA	2719	COMPOSITE	(.090) (b)(A)	100 U	A
12mm Multiver Inc.	Montreal, QC	5915	COMP+CAN	(.030) (b)(A)	400 U	B
12mm Nashville Tempered Glass LLC	Hendersonville, TN	5231	COMP+CAN	(.035) (ip)(A)	285 U	A
12mm Oldcastle BuildingEnvelope®	Denver, CO	6056	COMP+CAN	(.060) (ip)(A)	125 U	A
12mm Oldcastle BuildingEnvelope®	Tampa, FL	5051	COMP+CAN	(.035) (ip)(A)	285 U	A
12mm Oldcastle BuildingEnvelope®	Houston, TX	4401	COMP+CAN	(.090) (ip)(A)	175 U	A
12mm SAGE Electrochromics Inc.	Faribault, MN	5660	COMP+CAN	(.030) (b)(A)	150 U	A
12-16+mm Stargrup Cam A.S.	Arnavutkoy, Istanbul	6208	COMPOSITE	(.060) (b)(A)	285 U	A
12-16+mm Stargrup Cam A.S.	Arnavutkoy, Istanbul	6207	COMPOSITE	(.030) (b)(A)	285 U	A
12mm Taiwan Glass Industry Corp.	Taipei, Taiwan, China	3893	COMP+CAN	(.030) (b)(A)	750 U	A
12mm Templados Del Centro SA DE C.V.	Irapuato, Guanajuato	6019	COMPOSITE	(.030) (b)(A)	175 U	A
12-16+mm TG Changjiang Glass Co., Ltd	Kunshan City, Jiangsu, China	5176	COMP+CAN	(.015) (b)(A)	750 U	B
12mm Tianjin CSG Energy Conservation Glass Co., Ltd	Tianjin, China	4107	COMPOSITE	(.060) (b)(A)	100 U	A
12mm Tianjin Northglass Industrial Technical Co., Ltd	Tianjin, China	6044	COMPOSITE	(.060) (b)(A)	175 U	A
12mm TVITEC	Cubillo del Sil, Spain	5519	COMPOSITE	(.070) (ip)(A)	285 U	A
12-16mm Viracon Inc.	St. George, UT	6171	COMPOSITE	(.060) (ip)(A)	125 U	A
12-16+mm Viracon Inc.	Owatonna, MN	4250	COMP+CAN	(.060) (ip)(A)	150 U	A
12mm Viracon Inc.	Statesboro, GA	4784	COMP+CAN	(.090) (ip)(A)	165 U	A
12mm Virginia Glass Products Corp.	Martinsville, VA	5383	COMPOSITE	(.030) (ev)(6)(A)	100 U	A
12mm Virginia Glass Products Corp.	Martinsville, VA	5194	COMPOSITE	(.035) (ip)(A)	100 U	A
12mm Vistamatic	Coral Springs, FL	6015	COMPOSITE	(.030) (ev)(A)	285 U	A
<i>(H) Laminated Transparent Glass</i>						
16+mm Carey Glass International	Nenagh, Co. Tipperary	6002	COMP+CAN	(.060) (ip)(A)	100 U	A
16+mm Dongguan Dongfa Glass Product Co., Ltd	Dongguan, Guangdong, China	4124	COMP+CAN	(.030) (b)(A)	285 U	A
16+mm Guangdong Golden Glass Technologies	Shantou, Guangdong, China	4723	COMP+CAN	(.060) (ip)(A)	125 U	A
16+mm Hartung Glass Industries Lami	Langley, BC Canada	4431	COMPOSITE	(.070) (ip)(A)	750 U	A
16+mm Tianjin CSG Energy Conservation Glass Co., Ltd	Tianjin, China	4108	COMPOSITE	(.090) (b)(A)	100 U	A
<i>(H) Laminated Transparent Glass</i>						
18+mm Tianjin Northglass Industrial Technical Co., Ltd	Tianjin, China	5223	COMPOSITE	(.060) (ip)(A)	175 U	A
<i>(H) Laminated Transparent Glass</i>						
20+mm Beijing Wuhua Tianbao Glass Co.	Beijing, China	5663	COMPOSITE	(.030) (b)(A)	125 U	A
<i>(H) Laminated Transparent Glass</i>						
21mm GnT Glass Co., Ltd.	Dongguan, Guangdong, China	5791	COMP+CAN	(.060) (b)(A)	400 U	A
<i>(H) Laminated Transparent Glass</i>						
25+mm Classy Glass Specialties Co., Ltd	Dongguan, Guangdong	5170	COMPOSITE	(.060) (b)(A)	200 U	A
<u>Laminated Specialty Product</u>						
<i>(H) Laminated Specialty Product</i>						
8-12mm SAGE Electrochromics Inc.	Faribault, MN	5016	COMP+CAN	(.035) (ip)(A)	150 U	A

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>	<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
<i>(H) Laminated Specialty Product</i>						
10mm Kinestral Technologies	Hayward, CA	6196	COMP+CAN	(.060) (b)(A)	125 33x53	A
10mm Kinestral Technologies	Hayward, CA	6223	COMP+CAN	(.090) (b)(A)	125 33x53	A

**SGCC® APPROVED TESTING LABORATORIES APPROVED FOR TESTING IN
THE ANSI AND CAN/CGSB CERTIFICATION PROGRAMS (SD-101)**

100 – Intertek/ATI 130 Derry Court York, PA 17406 Attn: Todd Wilt or Julie Shilke Phone: (717) 764-7700 Fax: (717) 764-4129 Email(s): twilt@archtest.com jshilke@archtest.com	125 – Intertek/ATI 2524 East Jensen Ave. Fresno, CA 93706 Attn: Kenny White Phone: (559) 233-8705 Fax: (559) 233-8360 Email: kwhite@archtest.com	150 – Intertek/ATI 849 Western Ave. North St. Paul, MN 55117-5345 Attn: Dan Johnson or Zane Wybest Phone: (651) 636-3835 Fax: (651) 636-3843 Email(s): djohnson@archtest.com, zwybest@archtest.com
165 – Intertek/ATI 1701 Westfork Dr. Suite 106 Lithia Springs, GA 30122 Attn: Ryan Hedgepeth, Julie Beamish, Ian McKenzie Phone: (770) 941-6916 Fax: (770) 941-2930 Email(s): ryan.hedgepeth@archtest.com jbeamish@archtest.com ian.j.mckenzie@intertek.com	175 – Intertek/ATI 1909 10 th St, Suite 100 Plano, TX 75074 Attn: Sierra Conner or Cassandra Matthews Phone: (469) 814-0687 Fax: (717) 764-4129 Email(s): sierra.conner@archtest.com cassandra.matthews@archtest.com	195 – Intertek/ATI 22155 68th Ave. South Kent, WA 98032-1937 Attn: Jeff Dideon or Patricia Cain Phone: (253) 395-5656 Fax: (717) 764-4129 Email(s): jdideon@archtest.com, pcain@archtest.com
200 - Bowser-Morner Inc. 4518 Taylorsville Road Dayton, OH 45424 Attn: Vicki Appora Phone: (937) 236-8805 Fax: (937) 237-9947 Email: vappora@bowser-morner.com	250 - Construction Consulting Laboratory West 4751 W. State St. Suite B Ontario, CA 91762 Attn: Jack Jackson or Scott Shepard Phone: (909) 591-1789 Fax: (909) 627-9020 Email(s): Jack@ccl-west.com or scott@ccl-west.com	285- Fenestration Testing Laboratory 8148 N.W. 74th Ave. Medley, FL 33166 Attn: Manny Sanchez Phone: (305) 885-3328 Fax: (305) 885-3329 Email: manny@ftl-inc.com
400 - Intertek 75 Clinton Avenue Cortland, NY 13045-0950 Attn: Josiah Rice or James Diescher Phone: (607) 753-6711 Fax: (607) 758-6503 Email(s): josiah.rice@intertek.com, james.diescher@intertek.com	450 - Intertek 1829 32nd Avenue Lachine, QC Canada HBT 3J1 Attn: Claude Pelland Phone: (514) 631-3100 x 277 Fax: (514) 631-1133 Email: claud.pelland@intertek.com	500 - Element Materials Technology 3922 Delaware Avenue Des Moines, IA 50313 Attn: Adam Scarlett or Brian Escherich Phone: (515) 266-5101 Fax: (515) 262-1910 Email(s): adam.scarlett@element.com, brian.escherich@element.com
600 - Element Materials Technology 115 S. 84th Ave. Wausau, WI 54401-8434 Attn: Gary Norenberg Phone: (715) 848-3935 Fax: (715) 848-0837 Email: Gary.norenberg@element.com	750 - NCTL Northwest 3310 Hill Avenue Everett, WA 98201 Attn: Chris Shafer or Tasha Fisher Phone: (425) 259-6799 Fax: (425) 259-4936 Email(s): cshafer@nctlinc.com, tfisher@nctlinc.com	800 - NCTL 5 Leigh Dr. York, PA 17406 Attn: Amy Becker Phone: (717) 846-1200 Fax: (717) 767-4100 Email: abecker@nctlinc.com

The ID of the Laboratory used for testing of each product is provided in the Certified Products "By Product Type" of this Certified Products Directory. **Please note:** For initial certification of prototype samples, the manufacturer pays the laboratory directly for testing and must contact the laboratory for prototype testing fees.

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safety glazing certification council

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