



safety glazing certification council

January 2023

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



#0961
ISO/IEC 17065
Product Certification Body

January 2023

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(R2020)"

Copies of ANSI Z97.1-2015(R2020) 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
<https://webstore.ansi.org/SDO/GISC>

"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
<https://www.reginfo.gov/public/jsp/eAgenda/GetPrintedCopies.myjsp>

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
<https://www.sgcc.org/product-search/compliance-testing>

"National Standard of Canada - Tempered or Laminated Safety Glass CAN/CGSB 12.1-2022"

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
https://publications.gc.ca/collections/collection_2022/ongc-cgsb/P29-012-001-2022-eng.pdf

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

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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

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ACCREDITATION

In 2016 the American National Standards Institute (ANSI) issued ISO/IEC 17065 Accreditation to the SGCC® Certification Program and AMS, Inc., the program Administrator and Certification Body (CB). This Accreditation is a formal recognition of fulfilling the requirements of the ISO/IEC 17065:2012 standard, as well as ANSI's own accreditation requirements.

What is Accreditation?

Accreditation is similar to certification. Just like in certification there is an independent party who assesses and determines whether or not an organization meets specific requirements. In the case of ANSI's assessment of the SGCC® Certification Program and AMS, Inc., they were assessed to ISO standard ISO/IEC 17065:2012. The end result is called accreditation.

Who is ANSI?

The American National Standards Institute is a not-for-profit entity providing assessment and accreditation of bodies performing third-party conformity assessment (certification), among other services. ANSI also brings global recognition to conformity assessment through several international and regional arrangements for multi-lateral recognition, including the International Accreditation Forum (IAF). In addition, ANSI has a memorandum of understanding (MoU) with the Standards Council of Canada (SCC). All of this helps bring global acknowledgement to conformity assessment.

Information from: *ansica.org*, Why Seek Accreditation?, 2015. Web. August 19, 2015.

What is ISO/IEC 17065:2012?

ISO/IEC 17065:2012 is an internationally-recognized standard for bodies certifying products, processes and services. It is the main source of criteria used to assess the SGCC® Certification Program and AMS, Inc. The standard specifies requirements that, according to ISO/IEC 17065:2012, "ensure that certification bodies operate certification programs in a competent, consistent and impartial manner...".

How will this affect my Certification?

Accreditation of the SGCC® Certification Program and AMS, Inc. is the formal recognition that they have met strict requirements placed on them. This means that as a manufacturer, operator, or provider of certified products, you can be sure that the SGCC® Certification Program is operated to some of the highest quality standards in the world. Because the SGCC® Certification Program and AMS, Inc. have always followed stringent guidelines there will be minimal changes to the certification program. When changes are necessary though, you will be notified in advance.

Though the SGCC® Certification Program requirements won't change much due to the accreditation, it does offer an opportunity for manufacturers to show conformance to an ANSI-Accredited certification program, an invaluable association to set you apart in the market. For more information, and restrictions and limitations, please contact AMS, Inc.

Disclaimers

While there are significant benefits to being associated with this accreditation, accreditation doesn't mean that ANSI approves certified products, processes, or services of Licensees. In addition, the ANSI Accreditation symbol and ANSI logo are not permitted to be displayed on any product or its packaging.

Questions or Want to Learn More?

If you have any questions or need additional information regarding any of the topics presented above, please feel free to contact AMS, Inc. at (315) 646-2234, or email us at staff@amscert.com.

SGCC Certification Committee

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Qinhuangdao Jingxin Glass Co., Ltd.	Dongsheng Yan	Cindy Sun	
Qinhuangdao Mingjingyuan Safety Technology Glass	Gavin Pan		
Qinhuangdao Qicaishi Glass Processing Co., Ltd.	Linda Qin	Cindy Sun	
Qinhuangdao Rongsheng Glass Processing Co., Ltd.	Cheng Na		
Qinhuangdao Shengrui Glass Processing CO., LTD.	Sanbao Chen	Cui Liu	
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 Enclosures, Inc.	Michael Schwartz		
Quest USA, Inc.	Joe Kuykendall	Charles Burt	
Quest Window Systems	Daniel Zalzman		
Ready Glass & Mirror, Inc.	Silverio Perez		
Reem Emirates Aluminum & Glass	Hamed Hussein		
Renin Canada Corp.	Shervin Shahriari	Mardi Huelsekopf	

SGCC Certification Committee

Licensee	Primary Member	First Alternate	Second Alternate
Rider Glass Company Limited	Luis Liu	Simon Li	
Rizhao Huaye Glass Co., Ltd.	Alex Yin	Grant Lee	
Robover Inc.	Tommy Fortier	Alain Fortin	
Rohden Vidros LTDA	Edilene Kniess	Lenuir Kniess	
SAAND Inc.	Paul Ferguson	Steve Callahan	
SAGE Electrochromics Inc.	Chuck Hayes	Dianne Dahl	
Saint Gobain Mexico, S.A. de C.V.	Alberto Boix	Gladys Rios	
Saudi American Glass Company	Geoff Sparks		
SCHOTT Gemtron - Sweetwater	Beena Walker	Jack Francis	
Selective Shower Glass Designs Inc.	Fabio Castiblanco	Luz Adriana Alvarez	
Senneca Holdings Inc, (Thermoseal Brand)	Joseph Sokalski		
Sfera SRL	Vianello Elio		
SGC International Inc.	James Huang		
ShanDong HaanGlas Co., LTD	Han XiaoQing	Zhang YongJian	
Shandong Jinjing Science & Technology Stock Co.,	Huanqing Zhang	Xu Ping	
Shandong Kingtom Glass Co., Ltd.	Tao Zhenmin		
Shandong Taishan Huayue Glass Co., Ltd.	Gao Hu	Liu Fan	
Shandong Yaohua Glass Co., Ltd.	James Hu		
Shanghai Bordy Decoration Materials Co., Ltd.	Xie Zhengchun		
Shanghai Yaohua Pilkington Glass Group Co., Ltd.	Dr. Sun Da Hai		
Shanghai Zhenzhen Glassware Co., LTD.	Brian Y. L. Chong		
Shape Glass LLC.	Brian Bradford		
Shenzhen Shennanyi Glass Product Co., Ltd	Sophie Lee		
Shenzhen Sun Global Glass Co., Limited	Zhang Guanghui		
Shower Doors & More Inc.	Page Giacin	Larry Giacin	
Sichuan CSG Energy Conservation Glass Co., Ltd.	Liu Song		
Sierra Glass Fabrication Inc.	Jack Baum		
SIGCO, Inc.	David A. McElhinny	Matthew Dunn	
Simonton Windows	Tina Seese	Steven Saffell	
SiO2 Fabricating	Lance Hamilton	Josh Muniz	
Sky Land Tempering Glass Corp	Ricky Zeng		
Skyline Design	David Wildfield		
Soluciones Arquitectonicas, S.A. De C.V.	Pablo Andres Rishmawi C.	Marco Ivan Mendoza R	
Soluciones Vitro Plano S.A. de C.V.	Alberto Vilchis Trujillo	Julio Castillo Barrado	
South Bay Showers, Inc.	Michael Sutton		
Southern Wholesale Glass	Mark Michael		
Splendor Shower Door	John Wanamaker	Tom Wanamaker	
Standard Bent Glass	Denise Swigart		
Star Glass Tempering LLC	Grzegorz Putek	Monika Putek	
Stargrup Cam A.S.	Emrah Arslankara		
Strong Tempering Glass Industry LLC	Mark Chen		
Sunfire Glass, Inc.	Dennys Fernandez		
Sunglas Technics Co., Ltd.	Zhao Jianxin	Steven Shung	
Swift Glass Co., Inc.	Daniel J. Burke	Kathleen B. Schweizer	Charles Burke
Synergy Energy Savings Glass (Tianjin) Co., Ltd.	Zhai Tao	Hou Yuzhi	
Syracuse Glass Company, LLC	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		
Technical Glass Company	Engr Mousa El Gedaily	Engr Ahmad Tawalbeh	
Techni-Glass, Inc.	Pat Murphy	Jason Hooven	
Tecnoglass S.A.S.	Christian Daes	Diana Lohrer	
Tecnovidrio S.A. de C.V.	Ricardo Aguilar Martinez	Sara Ivonne Penaloza Ruiz	
TEMCOR S. DE RL DE CV	Genaro Cortez		
Temp Glass Inc.	Sigfrido Martinez		
Tempco Glass and Fabrication, LLC	Michelle Pascal		
Tempered Glass Industries, INC.	Robert Whitlow Jr		

SGCC Certification Committee

Licensee	Primary Member	First Alternate	Second Alternate
Templados Del Centro SA DE C.V.	Omar Rios	Fernanda Garcia	
Templados Industriales S.A. de C.V.	Pedro Chavez	Diana González	
TG Qingdao Glass Co., Ltd.	Albert Wang	Judy Li	
TG Taicang Architectural Glass Co. Ltd	Melody Bi		
TG Tianjin Glass Co., LTD	Zhengyue Wang	Jing Zhang	
The Glass Guild Ltd.	Sarah Cantrill	Stuart Cantrill	
The Original Frameless Shower Door	John Serino		
Thermax A.J. Inc.	Francois Ouellette		
Thermal Seal Insulating Glass	Ann Oliveira		
Thermalsun Glass Products	Brad Kloes		
Thermo BSL	Pierre-Luc Bellavance	Claude Pelletier	
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	
Tomakk Glass Partners, LLC	Clay Hargett	Scott Hoffman	
Treaty City Industries Inc.	Robbie Jones		
Tristar Glass, Inc.	Tim Kelley		
Triton Glass LLC	Sahaj R. Patel		
Trulite Glass and Aluminum Solutions	Jeff Haberer	Adrian Casas	
Turkiye Sise ve CamFabrikalar A.S. SisecamDuzcam	Ercan Acar	Burcu Sekir	
TVITEC System Glass, S.L.	David Lopez	Ms. Alexandra Gonzalez	
Tweddell's Inc.	Corey Myer	Ed Blair	
U.S. Glass Distributors Inc.	Franco Alfano	David Jaskulski	
Ungari Investments, LLC. (dba S.F. Tempering)	Jorge Ontiveros	Salva Sorka	
Uniglass	Shakil Ahmed Khan		
United Plate Glass Co., Inc.	Darin Vietmeier		
Unitex Glass Chengdu Co., Ltd	Andy Yu	Chen Xinhua	
Upstate Glass Tempering Inc.	David Chavoly	Allen Gottlieb	
US Glass Tempering Inc.	Anil Kumar	Sid Dhir	
VA Glass, LLC.	W. Chris Beeler	Rodney Keatts	
Valentini Glass & Components srl	Claudio Valentini		
vandaglas Eckelt GmbH	Christian Eckelt		
Vetzeria F. Illi Paci	Maurilio Paci		
Vetriko S.A.	Jorge Torbay	Fernando Navedo	
Vetrodomus SpA	Frederico Casaccio	Chiara Pastore	
V-Glass LLC DBA: Creative Glass Processing (CGP)	Miguel Urdaneta	Victor Aspron	
Vidrio Bisel S.A. de C.V.	Ignacio Flores Suarez		
Vidrio Plano De Mexico S.A. DE C.V.	Prisciliano Bernal Ramírez	Santiago de la Torre García	
View Inc.	Joe Crouson		
Viewrail	Troy Burns	David Maxwell	
Viracon Inc.	Brian Louks	Michael Schettler	
Vision En Cristal Y Aluminio SA DE CV	Jaime Salazar Guzman	Edgar Valverde Chong	
Vista Glass Corporation	Sajad Kazemeyni	Jay Patel	
Vistamatic, LLC	Kevin Roth		
Vitelsa Mosquera S.A.	Laura Luna		
Vitemex	Edgar Alonso de la Cruz		
Vitralum Glass Solutions Inc.	Eliben Morelos	Benjamin Morelos	
Vitro Flat Glass, LLC (formerly PPG)	Wagner Lozano	Paul Di Cesate	
Vitrum Glass Ltd.	Tim Stewart	Michael English	Carmelita Pena
Vitrum Industries Ltd.	Tim Stewart	Carmelita Pena	
Viwinco, Inc.	Michael Duncan	Mr. Kim Hammerschmidt	
W. A. Wilson Inc.	Robert Hartong		
W.C.P., Inc dba West Coast Insulated Glass Products	Rusty Neubauer		
Washington Glass Fabrication LLC.	Rahim Wali	Gregory Mason	
West Seal Ltd.(AWG Northern Dist.)	Craig Leonard	Barb Szaszik	
Wexford Viking Glass Limited	Paul Murphy	Pauline Kirwan	
Whalley Glass Co	Mark Vece		

SGCC Certification Committee

Licensee	Primary Member	First Alternate	Second Alternate
White Aluminium Enterprises L.L.C	Jabr Doshan		
Wholesale Glass Distributors, Inc.	Kevin Boudreaux		
WHTB Glass, LLC	Hongwei Gao	Zhu Zhu	
Window Creations, LLC	Jason Buehrer	Brad Allison	
Window Technologies, Inc.	Michael Castleberry		
Wisconsin Shower Door & Supply Corp	Chuck Biesik	James Kinsey	
Wolverine Glass Products, Inc.	Rodger Ruff	Chelsie Cowles	
Woodbridge Glass Distribution Inc.	Eduardo Raposo	Simone Iezzi	
Woon-Tech Inc.	Joshua Foster		
WSD Glass, Inc.	Gary Reece		
Wujiang CSG Huadong Architectural Glass Co., LTD	Yu Jinhui		
Xiamen Shiner Glass Co., Ltd.	Anne Law	Maggie Liang	
Xianning CSG Energy Conservation Glass Co., LTD.	Yu Jiao		
Xinyi Glass (Jiangsu) Company Limited	Qu Jianhua	Zhang Zihao	
XYG North America Corp.	Joanne Loh	Lawrence Tao	
Yakut Cam A.S	Faith Poyraz	Murat Tuncer	
Yantai Bluesky Glass Co., Ltd	Kelly Jiang		
Yantai Dongfang Glass Co., Ltd	Xing Jinwei		
Yildiz Cam San. Tic. A.S.	Mevlude Kaynak	Gulsen Ekici	
Yitian (Cattis) Glass Product Co., Ltd	Xiaojun Zheng		
Yong Feng Tai Foshan City Glass Co., LTD.	Aijun Zhong		
Yorglass Cam Sanayi Ve Ticaret A.S.	Serap Bayram		
Yuklucam San Ve TIC. LTD. STI	İbrahim Khodji	Erhan Yüklü	
Zhangjiagang City Daming Glass Product Co., Ltd	Xiao Ruijuan		
Zhangjiagang Weiyu Fabricated Glass Co. Ltd.	Xu Zhengdong		
Zhaoqing CSG Energy Conservation Glass Co., Ltd	Yubin Zeng	Edwin Cao	
Zhejiang Jinchen Glass Co., Ltd.	Jin Yong Tang	Liu Peihua	
Zhejiang Pusaisi Intelligent Glass Co., LTD	Qi Luofeng	Zhang Jianjun	
Zhongli Glass Co., Ltd	Meng Qingxian		
Zhongshan Walle Glass Product Co., Ltd	Yilan Liu		
Zorro International Corporation	Joe He		

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 2023

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(R2020).

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 12.1-2022

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. 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.

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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 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 a list of manufacturing licensees listed alphabetically by plants and the approved products manufactured at those plants. 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. (Modified 1/2021)

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 applying on

behalf of a manufacturer must include the location and appropriate signatures of their manufacturer for each location. (Revised 9/19/2017)

(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. Reports shall only be accepted directly from SGCC® Approved independent laboratories. **Test reports are valid for initial certification if the report date is within 60 days.** (Revised 9/19/2017)
- c) The applicant sends to SGCC® the certification fee for each item to be certified. (Revised 11/4/2015)
- d) (Deleted 10/21/2007)
- e) If the Licensee has certified product with SGCC during the prior 24-month period and has had all products decertified by SGCC or has voluntarily decertified all products, an audit must be performed by the Administrator’s representative and any corrective actions resulting from such audit resolved (Added 9/19/2017)

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 10/4/2018)

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 and reliability 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.

Quality Assurance Requirements:

- 1) **A Quality System Manual** – A quality manual shall be present that documents, identifies, describes and contains the workings of the quality system, and as a minimum contains the following sections:
 - a. Designated Person for Quality Assurance
 - b. Process Control (Procedures)
 - c. Production Testing
 - d. Calibration
- 2) **Designated Representative for Quality Assurance** – The manufacturer shall designate a person who is responsible for the quality system function in the manufacturing facility.
- 3) **Process Control** - The individual areas involved in the fabrication of safety glazing shall be defined. Each area shall have documented procedures.
- 4) **Production testing** – Procedures shall describe testing of regular production and shall include SGCC requirements for safety glazing products. The SGCC auditor shall 1) review historical testing records ensuring procedures were followed if failure occurred 2) witness at least one production test and 3) review the method of evaluation during twice per year visits. When samples are not available, the manufacturer shall describe to the auditor how production testing is performed. Where ANSI or ASTM test methods are referenced below, other like national or internationally accepted test methods (for example EN 12600) are acceptable. Records of testing shall be maintained for a minimum of 10 years. See "Guidance for the SGCC® Quality Assurance Production Testing for additional information and a list of Suitable Alternatives available at <https://www.sgcc.org/more-info/miscellaneous->

[forms-and-information](#))

- a. Tempered – ANSI Z97.1 Center Punch¹ and/or Impactor¹ Test - As a minimum, testing shall occur on the first of each product thickness per shift. Additional testing may be appropriate.
 - b. Laminated – ASTM F3007¹ and/or ANSI Z97.1 Impactor Test - During regular production periods, a minimum sample collection shall be performed weekly, and actual testing occur at least monthly. Sample collection must be traceable to specific production runs. For ASTM F3007 testing, sampling and testing shall occur as a minimum on the thinnest product(s) produced. Evaluation shall occur and drop height selection as a minimum shall be in accordance with ASTM F3006.
 - c. Products other than Tempered or Laminated - Testing procedures shall be established and accepted by the SGCC Administrator.
- 5) **Calibration** - Test equipment used in the quality inspection process must be working properly and accuracy assured. Equipment shall be 1) identifiable, 2) records of the calibration maintained, and 3) a method shall exist for monitoring at least an annual calibration.

HOW THE CERTIFICATION PROGRAM WORKS (Revised 10/1/2020)

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

After initial certification (see “How Can You Become a Licensee”), the administrator verifies the production at the licensee’s manufacturing location during twice per year audits. In consideration of public health concerns one or both of the twice per year audits can be conducted virtually. During each audit, the licensee’s compliance to SGCC’s Quality Assurance Program is validated. During these audits, independent routine test sample selection is performed as well as review of proper labeling practices.

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 (34x76) 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®.

¹ Please contact SGCC at SGCC@amscert.com or visit the SGCC website (<https://www.sgcc.org/more-info/miscellaneous-forms-and-information>) for additional information including equipment details and purchasing options for this equipment.

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 marketplace.

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. See G.23 for more information.

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 ([double pane or multi-pane assemblies](#)) must be of safety glazing material. (Modified 10/5/2022)

G.5

The SGCC® 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, if looking to certify ANSI, 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

Safety glazing materials for which certification is requested for indoor use only shall be subjected to the provisions of section 4.4 (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 (section 6.3.1).

G.8 (Deleted 4/29/2010)

G.9 (Deleted 7/1/2016)

G.10 (Revised 12/7/2018)

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. For laminated glass, specimens must be the thinnest interlayer and the thinnest product certified in each thickness class (S and/or H) and generic interlayer category.
- 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

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. An email will follow the phone call.
- c) For all overdue invoices, as of May 15 and November 15, an email will be sent warning of de-certification if payment is not received within 15 days.
- d) Letters of de-certification will be sent fifteen (15) days from the warning notification if payment is not received. With de-certification, a licensee will no longer be an SGCC® participant and all of its certified products will be de-certified and 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, 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:

- 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. Consequently, samples for routine testing may not be available for long periods. The licensee may desire to retain certification during the shutdown period by applying for inactive (IN) status. 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 (SD-23) 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)

G.35

Once certified by SGCC®, a product is assigned an exclusive certification number to identify it and the plant at which it is made/fabricated. An SGCC Licensee shall notify SGCC prior to a plant's physical relocation. Relocation requires certification as a new plant and will require new SGCC numbers and testing at the new plant prior to granting of the new certification. Consistent with the SGCC License agreement and procedural guide, fabrication and labelling must occur at the same facility. (Added 10/10/2019)

CERTIFICATION OF TEMPERED COATED GLASS (Added 9/29/2021)

In order to SGCC certify tempered glass with a metalized coating (MC) that is applied to annealed glass prior to tempering (reflective, Low E, other), test results for the MC glass must be initially provided to SGCC. MC testing must then occur at least annually thereafter to maintain the MC designation for a particular thickness of product. Testing of MC product will satisfy SGCC regular testing requirements (likely one MC test and one non-MC test annually). Certification of an MC product shall cover coated and non-coated product of a given thickness. See Guideline T.3 for further clarification.

Testing shall be with a sputter coating (soft coat) or a pyrolytic (hard coat), at the discretion of the SGCC Licensee. Testing of any coated product shall cover all coated product. During regular twice per year inspections SGCC shall document the generic class of coating to submit (Sputter or Pyrolytic). The plant shall

ship product with the coating identified (as a minimum 'Soft Coat' or 'Hard Coat') (likely by paper label), and the testing laboratory shall measure/validate the coating with the use of a coated glass meter (List of acceptable meters available in the SGCC Laboratory Manual). The presence of a coating shall be included in the SGCC test report.

Listings (certifications) for Tempered coated glass shall begin with the July 1st, 2022 certification cycle (L22).

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 non-coated tempered glass will also cover the items below, of the same nominal thickness where the coating does not alter substantially the post-breakage behavior of the glass substrate.

- Tinted
- Non-metalized surface coating (such as ceramic material applied as a continuous or partial coating to one or more surfaces)
- Post tempered metalized coating

A "substantial alteration" is one that would render the tempered glass in non-conformance with the applicable safety glazing standards. For SGCC certified tempered glass with a metalized coating (MC), as defined in section Certification of Tempered Coated Glass, the metalized coated product must be tested initially and then at least annually thereafter. An SGCC "MC" designation per nominal thickness will be authorized for product in compliance. Products with the MC designation shall cover coated or non-coated product. See section **Certification of Tempered Coated Glass** of the procedural guide. (Revised 9/29/2021)

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, grooving, and acid etching 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:

<u>Patterned Depth Class</u>	<u>Ratio</u>
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

L.1

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 "Guidance for the SGCC® Certification of Laminated Glass" available at www.sgcc.org) (Added 4/2/2008)

- L.2 (Deleted 12/7/2018)
- L.3 (Deleted 4/2/2008)
- L.4 (Deleted 12/7/2018)

L.5

Laminated safety glass shall be identified and certified by two (2) types, Laminated Transparent Glass (LTG) and Laminated Specialty Product (LSP).

- a) Laminated Transparent Glass (LTG) is defined as two (2) or more lites of glass with the same family of polymer (interlayer(s)) between the lites.
- b) Laminated Specialty Product (LSP) is defined as two (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 Laminated glass changes and equivalency see **Table L1**. (Revised 12/7/2018)

Laminated Glass Equivalency (Table L1)		
As inserts are referenced below, there shall be no adverse reaction of inserts with accepted interlayers. Fabricator maintains sole responsibility for establishing compatibility, durability and retention of impact properties for all materials used in any laminated composite or encapsulated interlayer system.		
Change Categories	Equivalent Changes	Not Equivalent Changes
Interlayer generic category	Different brand of same generic category (see guideline L.11)	Different generic category
Interlayer thickness	Increase in interlayer thickness (As long as overall thickness remains within range of certified product).	Decrease in interlayer thickness (maximum allowable minus tolerance of 0.005 inches)
Glass/glazing	Flat, patterned or bent glass	Change from glass to plastic or plastic to glass
Glass fabrication	(A, HS, T, CS) See guideline L.8	N/A
Dimensional tolerances (Glass and Interlayer)	(See Guideline L.1 and L.7)	N/A
Inserts or changes in material of plies or inserts (generic make-up)	If insert is encapsulated and interlayer is accepted and of the minimum thickness of acceptance on each side of the insert	If insert is not encapsulated, or interlayer is not accepted or of minimum thickness on each side of insert
Additional layers of same type	Increase in layers (As long as overall thickness remains within range of certified product).	Decrease in layers
Coatings or Color (interlayer or glazing)	Changes in tint, translucence, or coated glass	N/A
Decorative pattern (not to be confused with patterned glass)	Changes in decorative pattern (glass or inserts), follow direction for change of insert	Lower than tested minimum interlayer thickness on either side of the insert or non-accepted interlayer
Electronics, plastics or other devices	Encapsulates, Follow requirements for accepted interlayer and minimum thickness on both sides of inserts	Lower than tested minimum interlayer thickness on either side of the insert or non-accepted interlayer

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)

<u>mm</u>	<u>Range (mm)</u>	<u>Traditional (in)</u>	<u>Range (in)</u>
3.0	2.92 – 3.78	1/8	0.115 – 0.148
4.0	3.79 – 4.57	5/32	0.149 – 0.179
5.0	4.58 – 5.56	3/16	0.180 – 0.218
6.0	5.57 – 7.41	1/4	0.219 – 0.291
8.0	7.42 – 9.01	5/16	0.292 – 0.354
10.0	9.02 – 11.91	3/8	0.355 – 0.468
12.0	11.92 – 15.11	1/2	0.469 – 0.594
16.0	15.12 and greater	5/8	0.595 and greater

L.8

Laminated glass shall be certified by its base glass heat treating/fabrication process (A= annealed, HS= heat strengthened, T= tempered, CS= chemical strengthened). When a laminated annealed glass (A) is tested and certified, other laminated glasses having the same nominal thickness or thicknesses of heat strengthened (HS), tempered glass (T), or chemical strengthened (CS) 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). Testing of chemical strengthened (CS) will only certify chemical strengthened (CS). (Revised 12/7/2018)

L.9 (Deleted 12/7/2018)

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)

WIRED GLASS (ANSI ONLY)

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-D4802-16, Table 2 and Table 3.
- Outdoor use plastic materials Categories M-1 and M-2 extruded Acrylic: As specified in ASTM-D4802-16 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 (section 5.4) 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 5.4.1 of ANSI Z97.1 (UV Weathering) but must comply with paragraph 5.4.3.

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).

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.

VACUUM INSULATING GLASS (VIG)

See most recent memo “VIG ANSI Interpretation and Information” at www.sgcc.org or contact the SGCC office.

CHEMICALLY STRENGTHENED SAFETY GLASS (CSSG)

See most recent “ASC Z97 Technical Interpretation (TI-2018.1017.001)” at www.sgcc.org or contact the SGCC office.

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(R2020) 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(R2020), 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)

9) **ANSI Disclaimer

Although the SGCC Program is ANSI-accredited and uses the ANSI accreditation symbol on its publicity material the SGCC-certified Licensee cannot use the ANSI trademark nor the ANSI accreditation symbol, this includes its products, packaging, stationary, letterhead, or any other form of media.

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 12.1-2022	CAN/CGSB 12.1-2022	CAN/CGSB 12.1-2022
1/4 U A SGCC 9999	6mm U A SGCC 9999	(S) U A SGCC 9999

SGCC should precede the number within the permanent label.

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 LABEL

"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 LABEL

"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.

Certified Products-Alphabetical By Plant

SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI CLASS	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI CLASS
		(THICKNESS CLASS)						(THICKNESS CLASS)			
24 Hour Thermal Glass Insulated Ltd. ; Concord, Ontario						AGNORA LTD ; Collingwood, Ontario					
6918	COMPOSITE	5/32	4.0TTG (MC)		UA	4883	COMP+CAN	1/4	6.0TTG (MC)		UA
6919	COMPOSITE	3/16	5.0TTG (MC)		UA	4885	COMP+CAN	3/8	10.0TTG (MC)		UA
6920	COMPOSITE	1/4	6.0TTG (MC)		UA	4884	COMP+CAN	1/2	12.0TTG		UA
3 Form ; Kernersville, NC						Air Master (Valmeg, LLC) ; Gurabo, Puerto Rico					
8085	COMP+CAN	5/32	4.0TTG		UA	8599	COMPOSITE	1/8	3.0TTG		UA
8476	COMP+CAN	3/16	5.0TTG		UA	8600	COMPOSITE	5/32	4.0TTG		UA
5026	COMP+CAN	1/4	6.0TTG		UA	8681	COMPOSITE	3/16	5.0TTG		UA
8477	COMP+CAN	5/16	8.0TTG		UA	8601	COMPOSITE	1/4	6.0TTG		UA
5210	COMP+CAN	3/8	10.0TTG		UA	8602	COMPOSITE	3/8	10.0TTG		UA
5211	COMP+CAN	1/2	12.0TTG		UA	8424	COMPOSITE	1/2	12.0TTG		UA
A.N. ALODAN & SONS CO. GLASS & ALUMINIUM FACTORY ; Riyadh, Saudi Arabia						AJJ Glass Products Co., Ltd ; Xiamen, Fujian					
7269	COMP+CAN	1/4	6.0TTG		UA	8568	COMPOSITE (H)		8LTG (b)(A)	(.075)	UA
7276	COMP+CAN	5/16	8.0TTG		UA	8607	COMPOSITE (H)		10LTG (ip)(A)	(.035)	UA
7277	COMP+CAN	*	12.0TTG (7)		UA	8569	COMPOSITE (H)		10LTG (b)(A)	(.030)	UA
7278	COMP+CAN	(H)	8-16+LTG (b)(T)	(.045)	UA	AJJ Glass Products Co., Ltd ; Xiamen, Fujian					
Accurate Glass Products ; Barrie, Ontario						8331	COMP+CAN	3/8	10.0TTG		UA
7672	COMP+CAN	3/16	5.0TTG		UA	8332	COMP+CAN	*	12.0TTG (3)		UA
7418	COMP+CAN	1/4	6.0TTG		UA	8334	COMP+CAN	(H)	16+LTG (b)(A)	(.030)	UA
7419	COMP+CAN	5/16	8.0TTG		UA	8335	COMP+CAN	(H)	16+LTG (ip)(A)	(.060)	UA
7420	COMP+CAN	3/8	10.0TTG		UA	AI Abbar Architectural Glass ; Dubai, United Arab Emirates					
7421	COMP+CAN	1/2	12.0TTG		UA	4846	COMPOSITE	3/16	5.0TTG		UA
Ace Safety Glass Co., Ltd. ; Jeongeup-si, Jeollabuk-Do						3556	COMPOSITE	1/4	6.0TTG		UA
8237	COMP+CAN	1/8	3.0TTG	34X34A		3557	COMPOSITE	5/16	8.0TTG		UA
8426	COMP+CAN	5/32	4.0TTG	34x34A		3558	COMPOSITE	3/8	10.0TTG		UA
Acme Glass LTD. ; Surrey, British Columbia						4590	COMPOSITE	1/2	12.0TTG		UA
8603	COMP+CAN	3/16	5.0TTG		UA	3976	COMPOSITE	*	15.0TTG (4)		UA
8604	COMP+CAN	1/4	6.0TTG		UA	3977	COMPOSITE	3/4	19.0TTG		UA
8605	COMP+CAN	3/8	10.0TTG		UA	3560	COMPOSITE (H)		8-16+LTG (b)(A)	(.030)	UA
8606	COMP+CAN	1/2	12.0TTG		UA	AI Andalus Glass Factory Co. ; Riyadh, Saudi Arabia					
Advanced Design Manufacturing ; Antioch, CA						7486	COMPOSITE	1/4	6.0TTG		UA
6685	COMPOSITE	1/4	6.0TTG		UA	7487	COMPOSITE	1/2	12.0TTG		UA
6686	COMPOSITE	3/8	10.0TTG		UA	7488	COMPOSITE (H)		12LTG (b)(A)	(.030)	UA
Advanced Impact Technologies ; Largo, FL						Aldora Aluminum and Glass Products Inc. ; Charleston, SC					
7374	COMP+CAN	1/8	3.0TTG		UA	4328	COMPOSITE	1/8	3.0TTG (MC)		UA
7375	COMP+CAN	3/16	5.0TTG (MC)		UA	4330	COMPOSITE	3/16	5.0TTG (MC)		UA
7376	COMP+CAN	1/4	6.0TTG (MC)		UA	4331	COMPOSITE	1/4	6.0TTG (MC)		UA
7377	COMP+CAN	3/8	10.0TTG		UA	4335	COMPOSITE	3/8	10.0TTG		UA
7378	COMP+CAN	1/2	12.0TTG		UA	4336	COMPOSITE	1/2	12.0TTG		UA
7434	COMP+CAN	(S)	6LTG (b)(A)	(.030)	UA	4337	COMPOSITE (H)		8, 12LTG (lu)(A)	(.060)	UA
7435	COMP+CAN	(H)	10-16+LTG (b)(A)	(.030)	UA	Aldora Aluminum and Glass Products, Inc. ; Austell, GA					
AdvanTec ; Chilliwack, British Columbia						7307	COMPOSITE	1/8	3.0TTG (MC)		UA
7463	COMPOSITE	5/32	4.0TTG		UA	7308	COMPOSITE	3/16	5.0TTG (MC)		UA
7464	COMPOSITE	3/16	5.0TTG		UA	7309	COMPOSITE	1/4	6.0TTG (MC)		UA
7465	COMPOSITE	1/4	6.0TTG (MC)		UA	7310	COMPOSITE	3/8	10.0TTG		UA
7466	COMPOSITE	5/16	8.0TTG		UA	7311	COMPOSITE	1/2	12.0TTG (MC)		UA
7467	COMPOSITE	3/8	10.0TTG		UA	7851	COMPOSITE	3/4	19.0TTG		UA
7468	COMPOSITE	1/2	12.0TTG		UA						
7469	COMPOSITE	*	15.0TTG (4)		UA						
7470	COMPOSITE	3/4	19.0TTG		UA						

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
Aldora Aluminum and Glass Products, Inc. ; Coral Springs, FL							American Glass Tempering and Fabricators, Inc. ; Houston, TX						
7643	COMPOSITE	3/16		5.0TTG		UA	8385	COMPOSITE	1/8		3.0TTG		UA
7644	COMPOSITE	1/4		6.0TTG		UA	8406	COMPOSITE	5/32		4.0TTG (IN)		UA
7645	COMPOSITE	3/8		10.0TTG		UA	8386	COMPOSITE	3/16		5.0TTG		UA
7646	COMPOSITE	1/2		12.0TTG		UA	8387	COMPOSITE	1/4		6.0TTG		UA
7647	COMPOSITE	5/8		16.0TTG		UA	8388	COMPOSITE	3/8		10.0TTG		UA
8135	COMPOSITE	(H)		8LTG (b)(A)	(.060)	UA	8389	COMPOSITE	1/2		12.0TTG		UA
8136	COMPOSITE	(H)		8LTG (ip)(A)	(.060)	UA	8390	COMPOSITE	3/4		19.0TTG (IN)		UA
7648	COMPOSITE	(H)		12LTG (lu)(A)(6)	(.090)	UA	American Insulated Glass ; Dallas, NC						
Aldora Aluminum and Glass Products, Inc. ; Orlando, FL							3859	COMPOSITE	1/8		3.0TTG		UA
5574	COMPOSITE	1/8		3.0TTG (MC)		UA	3860	COMPOSITE	5/32		4.0TTG (IN)		UA
5575	COMPOSITE	3/16		5.0TTG (MC)		UA	3861	COMPOSITE	3/16		5.0TTG		UA
5576	COMPOSITE	1/4		6.0TTG (MC)		UA	3862	COMPOSITE	1/4		6.0TTG		UA
5579	COMPOSITE	3/8		10.0TTG		UA	3863	COMPOSITE	3/8		10.0TTG		UA
5577	COMPOSITE	1/2		12.0TTG		UA	3864	COMPOSITE	1/2		12.0TTG		UA
6428	COMPOSITE	(H)		8LTG (b)(A)	(.060)	UA	American Insulated Glass Inc. ; Birmingham, AL						
6429	COMPOSITE	(H)		8LTG (ip)(A)	(.060)	UA	8459	COMPOSITE	1/8		3.0TTG (MC)		UA
All Counties Glass ; Stockton, CA							8460	COMPOSITE	3/16		5.0TTG (MC)		UA
6409	COMP+CAN	1/8		3.0TTG (MC)		UA	8461	COMPOSITE	1/4		6.0TTG (MC)		UA
6410	COMP+CAN	5/32		4.0TTG (MC)		UA	8462	COMPOSITE	3/8		10.0TTG		UA
6411	COMP+CAN	3/16		5.0TTG (MC)		UA	8463	COMPOSITE	1/2		12.0TTG		UA
6412	COMP+CAN	1/4		6.0TTG (MC)		UA	American Insulated Glass LLC. ; Plymouth Township, MI						
6413	COMP+CAN	5/16		8.0TTG		UA	7834	COMPOSITE	1/8		3.0TTG (MC)		UA
6414	COMP+CAN	3/8		10.0TTG		UA	7835	COMPOSITE	3/16		5.0TTG (MC)		UA
6415	COMP+CAN	1/2		12.0TTG		UA	7836	COMPOSITE	1/4		6.0TTG (MC)		UA
All Team Glass & Mirror, Ltd. ; Woodbridge, Ontario							7837	COMPOSITE	3/8		10.0TTG		UA
8218	COMP+CAN	5/32		4.0TTG		UA	7875	COMPOSITE	1/8		3.0TPG (s)		UA
1755	COMP+CAN	3/16		5.0TTG		UA	7876	COMPOSITE	3/16		5.0TPG (s)		UA
1756	COMP+CAN	1/4		6.0TTG		UA	American Insulated Glass, LLC ; Conley, GA						
2790	COMP+CAN	5/16		8.0TTG		UA	5283	COMPOSITE	1/8		3.0TTG		UA
1757	COMP+CAN	3/8		10.0TTG		UA	5284	COMPOSITE	3/16		5.0TTG (MC)		UA
1758	COMP+CAN	1/2		12.0TTG		UA	5285	COMPOSITE	1/4		6.0TTG (MC)		UA
4355	COMP+CAN	5/8		16.0TTG		UA	5286	COMPOSITE	3/8		10.0TTG		UA
3656	COMP+CAN	3/4		19.0TTG		UA	5287	COMPOSITE	1/2		12.0TTG		UA
Allglass Tempering Inc. ; Schiller Park, IL							5288	COMPOSITE	1/8		3.0TPG (s)		UA
5835	COMPOSITE	5/32		4.0TTG		UA	5289	COMPOSITE	3/16		5.0TPG (m)		UA
5836	COMPOSITE	3/16		5.0TTG (MC)		UA	American Insulated Glass, LLC ; Ijamsville, MD						
5837	COMPOSITE	1/4		6.0TTG (MC)		UA	8098	COMPOSITE	3/16		5.0TTG		UA
5838	COMPOSITE	3/8		10.0TTG		UA	8099	COMPOSITE	1/4		6.0TTG		UA
5839	COMPOSITE	1/2		12.0TTG		UA	6144	COMPOSITE	3/8		10.0TTG		UA
7764	COMPOSITE	(H)		10-12LTG (ev)(A)	(.060)	UA	6145	COMPOSITE	1/2		12.0TTG		UA
Aluminum Manufacturers Co. Ltd - ALUMATEC ; Jeddah, Saudi Arabia							Amsco Windows ; Salt Lake City, UT						
6151	COMP+CAN	1/4		6.0TTG		UA	2578	COMPOSITE	1/8		3.0TTG (MC)		UA
6152	COMP+CAN	5/16		8.0TTG		UA	4643	COMPOSITE	5/32		4.0TTG (IN)		UA
6891	COMP+CAN	3/8		10.0TTG		UA	2580	COMPOSITE	3/16		5.0TTG (MC)		UA
7346	COMP+CAN	1/2		12.0TTG		UA	2581	COMPOSITE	1/4		6.0TTG		UA
6892	COMP+CAN	(H)		12LTG (b)(A)	(.030)	UA	2582	COMPOSITE	1/8		3.0TPG (m)		UA
Aluminum Technology Auxiliary Industries ; Doha, Qatar							2584	COMPOSITE	3/16		5.0TPG (m)		UA
7197	COMPOSITE	1/4		6.0TTG		UA	Anhui Dahe Mirror Enterprise Co. LTD. ; Wuhu, Anhui						
7198	COMPOSITE	5/16		8.0TTG		UA	8570	COMP+CAN	1/8		3.0TTG		UA
5084	COMPOSITE	3/8		10.0TTG		UA	8571	COMP+CAN	3/16		5.0TTG		UA
5212	COMPOSITE	*		12.0TTG (3)		UA	8572	COMP+CAN	1/4		6.0TTG		UA
							8573	COMP+CAN	5/16		8.0TTG		UA
							8574	COMP+CAN	3/8		10.0TTG		UA
							8575	COMP+CAN	1/2		12.0TTG		UA

Certified Products-Alphabetical By Plant

SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI CLASS	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI CLASS
		(THICKNESS CLASS)						(THICKNESS CLASS)			
Anhui Xinrongda Glass Co., Ltd. ; Wuhu City, Anhui						ATI Windows ; Riverside, CA					
8539	COMPOSITE	1/8	3.0TTG		UA	5635	COMPOSITE	1/8	3.0TTG (MC)		UA
AntCam Cam Pazarlama San. Ve Tic. A.S. ; Antalya, Dosemealti						5636	COMPOSITE	5/32	4.0TTG (MC)		UA
8046	COMPOSITE (H)		16+LTG (ip)(A)	(.035)	UA	5637	COMPOSITE	3/16	5.0TTG		UA
8047	COMPOSITE (H)		16+LTG (b)(A)	(.030)	UA	5638	COMPOSITE	1/4	6.0TTG		UA
Anthony International ; Madison, GA						8057	COMPOSITE	3/8	10.0TTG		UA
3249	COMPOSITE	1/8	3.0TTG		UA	8058	COMPOSITE	1/2	12.0TTG		UA
3027	COMPOSITE	5/32	4.0TTG		UA	5639	COMPOSITE	1/8	3.0TPG (s)		UA
2352	COMPOSITE	3/16	5.0TTG		UA	7995	COMPOSITE	5/32	4.0TPG (m)		UA
2353	COMPOSITE	1/4	6.0TTG		UA	8614	COMPOSITE (S)		6LTG (ip)(A)	(.035)	UA
2453	COMPOSITE	3/8	10.0TTG		UA	8612	COMPOSITE (S)		6LTG (b)(A)	(.030)	UA
6099	COMPOSITE	5/32	4.0TBG		UA	8613	COMPOSITE (H)		8-16+LTG (b)(A)	(.030)	UA
2306	COMPOSITE	3/16	5.0TBG		UA	8615	COMPOSITE (H)		8-16+LTG (ip)(A)	(.035)	UA
2307	COMPOSITE	1/4	6.0TBG		UA	Basco Engineered Products ; Hamilton, OH					
Anthony International ; San Fernando, CA						4139	COMPOSITE	1/8	3.0TTG		UA
520	COMPOSITE	1/8	3.0TTG (MC)		UA	4724	COMPOSITE	3/16	5.0TTG		UA
2289	COMPOSITE	5/32	4.0TTG (MC)		UA	3810	COMPOSITE	1/4	6.0TTG		UA
999	COMPOSITE	3/16	5.0TTG (MC)		UA	3811	COMPOSITE	3/8	10.0TTG		UA
1000	COMPOSITE	1/4	6.0TTG (MC)		UA	3812	COMPOSITE	1/2	12.0TTG		UA
Architectural Glass Products, LLC. ; St. Louis, MO						5076	COMPOSITE	3/4	19.0TTG		UA
4571	COMPOSITE	1/8	3.0TTG (MC)		UA	8106	COMPOSITE	3/16	5.0TPG (m)		UA
4572	COMPOSITE	3/16	5.0TTG (MC)		UA	4689	COMPOSITE	1/4	6.0TPG (s)		UA
4573	COMPOSITE	1/4	6.0TTG		UA	5203	COMPOSITE	3/8	10.0TPG (m)		UA
4574	COMPOSITE	3/16	5.0TPG (s)		UA	Bazhou hua Biao Furniture Co., Ltd. ; Langfang, Hebei					
ArcTech Glass Ltd. ; Surrey, British Columbia						7193	COMP+CAN	3/16	5.0TTG		UA
8815	COMP+CAN	1/4	6.0TTG		UA	7194	COMP+CAN	1/4	6.0TTG		UA
Arlene Stained Glass & Door ; Houston, TX						7195	COMP+CAN	5/16	8.0TTG		UA
5127	COMPOSITE	1/8	3.0TTG (MC)		UA	7196	COMP+CAN	3/8	10.0TTG C		UA
3583	COMPOSITE	3/16	5.0TTG		UA	Beijing Haiyangshunda Northtech Glass Ltd. ; Daxing District, Beijing					
3584	COMPOSITE	1/4	6.0TTG		UA	6668	COMP+CAN	1/4	6.0TTG		UA
3585	COMPOSITE	5/32	4.0TPG (d)		UA	6669	COMP+CAN	5/16	8.0TTG		UA
Arrow Mirror & Glass, Inc. ; Houston, TX						7562	COMP+CAN	3/8	10.0TTG		UA
8213	COMPOSITE	1/4	6.0TTG (MC)		UA	6677	COMP+CAN (H)		12-16+LTG (b)(T)	(.060)	UA
8214	COMPOSITE	3/8	10.0TTG		UA	Beijing Wuhua Tianbao Glass Co. ; Shunyi District, Beijing					
8215	COMPOSITE	1/2	12.0TTG		UA	6903	COMP+CAN	5/32	4.0TTG		UA
ArtVue Glass ; Sarasota, FL						6904	COMP+CAN	3/16	5.0TTG		UA
7445	COMPOSITE (H)		10-16+LTG (ev)(A)	(.060)	UA	6905	COMP+CAN	1/4	6.0TTG		UA
7968	COMPOSITE (H)		12LTG (ip)(A)(IN)	(.035)	UA	6906	COMP+CAN	5/16	8.0TTG		UA
Ascent Glass Products (Zhong Shan) Limited ; Zhongshan, Guangdong Province						6907	COMP+CAN	3/8	10.0TTG		UA
7929	COMPOSITE	5/32	4.0TTG		UA	6908	COMP+CAN *		12.0TTG (4)		UA
7930	COMPOSITE	3/16	5.0TTG		UA	6909	COMP+CAN *		15.0TTG (4)		UA
7931	COMPOSITE	1/4	6.0TTG		UA	6910	COMP+CAN	3/4	19.0TTG		UA
7932	COMPOSITE	5/16	8.0TTG		UA	7762	COMP+CAN (H)		8-16+LTG (b)(A)	(.030)	UA
7933	COMPOSITE	3/8	10.0TTG		UA	7763	COMP+CAN (H)		8-16+LTG (ip)(A)	(.035)	UA
						Bel Pre Glassworks Inc. ; Rockville, MD					
						6320	COMPOSITE	1/8	3.0TTG		UA
						6321	COMPOSITE	3/16	5.0TTG		UA
						6322	COMPOSITE	1/4	6.0TTG		UA
						6711	COMPOSITE	3/8	10.0TTG		UA
						6324	COMPOSITE	1/2	12.0TTG		UA
						6325	COMPOSITE	3/4	19.0TTG		UA

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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
Bel Shower Door Corporation ; Englewood, CO							C&C Custom Glass & Tempering, LLC ; Tulsa, OK						
6470	COMP+CAN	3/16		5.0TTG		UA	6854	COMPOSITE	5/32		4.0TTG		UA
6471	COMP+CAN	1/4		6.0TTG		UA	6855	COMPOSITE	3/16		5.0TTG		UA
6472	COMP+CAN	3/8		10.0TTG		UA	6856	COMPOSITE	1/4		6.0TTG		UA
6473	COMP+CAN	1/2		12.0TTG		UA	6857	COMPOSITE	5/16		8.0TTG		UA
6474	COMP+CAN	3/16		5.0TPG (m)		UA	6858	COMPOSITE	3/8		10.0TTG		UA
Bendheim Wall Systems ; Wunsiedel-Holenbrunn, Bavaria							6859 COMPOSITE 1/2 12.0TTG UA						
5145	COMPOSITE	*		6.0TBP (s)(2)	22x76A		6860	COMPOSITE	3/4		19.0TTG (IN)		UA
5144	COMPOSITE	*		7.0TBP (d)(2)	16x76A		6962	COMPOSITE	5/32		4.0TPG (s)		UA
2570	COMPOSITE	*		6.0TBG (2)	20x76A		6861	COMPOSITE	3/16		5.0TPG (s)		UA
2569	COMPOSITE	*		7.0TBG (2)	16x76A		6862	COMPOSITE	3/8		10.0TPG (s)		UA
BG Glass Technologies Inc. ; Barrie, Ontario							Cameron Glass, LLC. ; Broken Arrow, OK						
8137	COMP+CAN	5/32		4.0TTG		UA	4832	COMP+CAN	1/8		3.0TTG		UA
8138	COMP+CAN	3/16		5.0TTG		UA	2501	COMP+CAN	3/16		5.0TTG		UA
8139	COMP+CAN	1/4		6.0TTG		UA	2455	COMP+CAN	1/4		6.0TTG		UA
8140	COMP+CAN	3/8		10.0TTG		UA	2032	COMP+CAN	3/8		10.0TTG		UA
8141	COMP+CAN	1/2		12.0TTG		UA	2033	COMP+CAN	1/2		12.0TTG		UA
Blackline Aluminum Systems ; Markham, Ontario							Camyapi Cam Paz. Ins. Taah. Tic.ve San. Ltd. Sti ; Kocaeli, Dilovasi						
8117	COMP+CAN	5/32		4.0TTG		UA	8281	COMP+CAN	3/8		10.0TTG		UA
8118	COMP+CAN	3/16		5.0TTG		UA	8283	COMP+CAN	(H)		16+LTG (T)(b)	(.060)	UA
8119	COMP+CAN	1/4		6.0TTG (MC)		UA	Cardinal CG ; Buford, GA						
8120	COMP+CAN	3/8		10.0TTG		UA	1921	COMP+CAN	1/8		3.0TTG (MC)		UA
Blue Star Glass Inc. ; North Brunswick, NJ							1922 COMP+CAN 5/32 4.0TTG UA						
6782	COMPOSITE	5/32		4.0TTG (MC)		UA	1923	COMP+CAN	3/16		5.0TTG		UA
4518	COMPOSITE	3/16		5.0TTG (MC)		UA	1924	COMP+CAN	1/4		6.0TTG		UA
4519	COMPOSITE	1/4		6.0TTG (MC)		UA	2146	COMP+CAN	1/8		3.0TPG (s)		UA
6407	COMPOSITE	5/16		8.0TTG		UA	4599	COMP+CAN	3/16		5.0TPG (s)		UA
4520	COMPOSITE	3/8		10.0TTG		UA	Cardinal CG ; Galt, CA						
4521	COMPOSITE	1/2		12.0TTG		UA	2357	COMPOSITE	1/8		3.0TTG (MC)		UA
5174	COMPOSITE	5/8		16.0TTG		UA	2358	COMPOSITE	5/32		4.0TTG (MC)		UA
5175	COMPOSITE	3/4		19.0TTG		UA	2359	COMPOSITE	3/16		5.0TTG (MC)		UA
Blue Star Glass Texas, LLC ; Dallas, TX							2360 COMPOSITE 1/4 6.0TTG (MC) UA						
8780	COMPOSITE	1/4		6.0TTG (MC)		UA	3599	COMPOSITE	1/8		3.0TPG (s)		UA
Bronco Industries, Inc. ; Delta, British Columbia							4347 COMPOSITE 5/32 4.0TPG (d) UA						
6973	COMP+CAN	1/8		3.0TTG		UA	3601	COMPOSITE	3/16		5.0TPG (m)		UA
5871	COMP+CAN	5/32		4.0TTG		UA	Cardinal CG ; Mazomanie, WI						
6974	COMP+CAN	3/16		5.0TTG		UA	4780	COMP+CAN	1/8		3.0TTG (MC)		UA
5366	COMP+CAN	1/4		6.0TTG		UA	4781	COMP+CAN	5/32		4.0TTG (MC)		UA
5367	COMP+CAN	3/8		10.0TTG		UA	5306	COMP+CAN	3/16		5.0TTG (MC)		UA
5368	COMP+CAN	1/2		12.0TTG		UA	4783	COMP+CAN	1/4		6.0TTG (MC)		UA
6972	COMP+CAN	3/4		19.0TTG		UA	6552	COMP+CAN	5/16		8.0TTG		UA
BVGLAZING SYSTEMS ; Concord, Ontario							Cardinal CG ; Northfield, MN						
6134	COMP+CAN	5/32		4.0TTG		UA	1985	COMP+CAN	1/8		3.0TTG (MC)		UA
6135	COMP+CAN	3/16		5.0TTG (MC)		UA	1986	COMP+CAN	5/32		4.0TTG (MC)		UA
6136	COMP+CAN	1/4		6.0TTG (MC)		UA	1987	COMP+CAN	3/16		5.0TTG (MC)		UA
6137	COMP+CAN	5/16		8.0TTG (MC)		UA	1988	COMP+CAN	1/4		6.0TTG (MC)		UA
6138	COMP+CAN	3/8		10.0TTG		UA	4775	COMP+CAN	5/16		8.0TTG		UA
6139	COMP+CAN	3/16		5.0TPG (s)		UA	4137	COMP+CAN	3/8		10.0TTG		UA
							6534	COMP+CAN	1/2		12.0TTG		UA
							2011	COMP+CAN	1/8		3.0TPG (s)		UA
							2012	COMP+CAN	5/32		4.0TPG (d)		UA
							2013	COMP+CAN	3/16		5.0TPG (m)		UA

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SGCC#	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI	SGCC#	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI
Cardinal CG ; Spring Green, WI						Cardinal CT ; Easton, PA					
2067	COMP+CAN	1/8	3.0TTG (MC)	UA		4756	COMP+CAN	1/8	3.0TTG	UA	
2068	COMP+CAN	5/32	4.0TTG (MC)	UA		4757	COMP+CAN	5/32	4.0TTG	UA	
2069	COMP+CAN	3/16	5.0TTG (MC)	UA		4758	COMP+CAN	3/16	5.0TTG	UA	
2070	COMP+CAN	1/4	6.0TTG (MC)	UA		5842	COMP+CAN	1/4	6.0TTG	UA	
5281	COMP+CAN	5/16	8.0TTG	UA		4759	COMP+CAN	1/8	3.0TPG (m)	UA	
2071	COMP+CAN	1/8	3.0TPG (s)	UA		4760	COMP+CAN	5/32	4.0TPG (s)	UA	
6802	COMP+CAN	3/16	5.0TPG (m)	UA		6143	COMP+CAN	3/16	5.0TPG (m)	UA	
Cardinal CG ; Tumwater, WA						Cardinal CT ; Fort Worth, TX					
2007	COMP+CAN	1/8	3.0TTG (MC)	UA		7321	COMP+CAN	1/8	3.0TTG (m)	UA	
2008	COMP+CAN	5/32	4.0TTG (MC)	UA		7317	COMP+CAN	1/8	3.0TTG (MC)	UA	
2009	COMP+CAN	3/16	5.0TTG (MC)	UA		7323	COMP+CAN	5/32	4.0TTG (m)	UA	
2010	COMP+CAN	1/4	6.0TTG (MC)	UA		7318	COMP+CAN	5/32	4.0TTG (MC)	UA	
2954	COMP+CAN	1/8	3.0TPG (s)	UA		7319	COMP+CAN	3/16	5.0TTG (MC)	UA	
6723	COMP+CAN	5/32	4.0TPG (d)	UA		7322	COMP+CAN	3/16	5.0TTG (m)	UA	
2956	COMP+CAN	3/16	5.0TPG (m)	UA		7320	COMP+CAN	1/4	6.0TTG (MC)	UA	
Cardinal CG ; Waxahachie, TX						Cardinal CT ; Los Angeles, CA					
2699	COMP+CAN	1/8	3.0TTG	UA		5085	COMP+CAN	1/8	3.0TTG (MC)	UA	
2700	COMP+CAN	5/32	4.0TTG	UA		5086	COMP+CAN	5/32	4.0TTG (MC)	UA	
2701	COMP+CAN	3/16	5.0TTG	UA		5087	COMP+CAN	3/16	5.0TTG (MC)	UA	
2702	COMP+CAN	1/4	6.0TTG	UA		5991	COMP+CAN	1/4	6.0TTG (MC)	UA	
8556	COMP+CAN	1/8	3.0TPG (s)	UA		5088	COMP+CAN	1/8	3.0TPG (s)	UA	
4047	COMP+CAN	5/32	4.0TPG (m)	UA		5089	COMP+CAN	3/16	5.0TPG (s)	UA	
2705	COMP+CAN	3/16	5.0TPG (m)	UA		Cardinal CT ; Loveland, CO					
Cardinal CT ; Adel, GA						3579	COMPOSITE	1/8	3.0TTG (MC)	UA	
5095	COMP+CAN	1/8	3.0TTG (MC)	UA		3580	COMPOSITE	5/32	4.0TTG (MC)	UA	
5096	COMP+CAN	5/32	4.0TTG (MC)	UA		3581	COMPOSITE	3/16	5.0TTG (MC)	UA	
5097	COMP+CAN	3/16	5.0TTG (MC)	UA		3555	COMPOSITE	1/4	6.0TTG (MC)	UA	
5364	COMP+CAN	1/4	6.0TTG (MC)	UA		4343	COMPOSITE	1/8	3.0TPG (s)	UA	
6842	COMP+CAN	5/16	8.0TTG	UA		4344	COMPOSITE	5/32	4.0TPG (d)	UA	
6172	COMP+CAN	3/8	10.0TTG (MC)	UA		4345	COMPOSITE	3/16	5.0TPG (m)	UA	
6173	COMP+CAN	1/2	12.0TTG (MC)	UA		5720	COMPOSITE	1/4	6.0TPG (d)	UA	
5098	COMP+CAN	1/8	3.0TPG (d)	UA		Cardinal CT ; Moreno Valley, CA					
5099	COMP+CAN	5/32	4.0TPG (d)	UA		2293	COMP+CAN	1/8	3.0TTG (MC)	UA	
5100	COMP+CAN	3/16	5.0TPG (d)	UA		2294	COMP+CAN	5/32	4.0TTG (MC)	UA	
6174	COMP+CAN	1/4	6.0TPG (d)	UA		2295	COMP+CAN	3/16	5.0TTG (MC)	UA	
6516	COMP+CAN	3/8	10.0TPG (d)	UA		2296	COMP+CAN	1/4	6.0TTG (MC)	UA	
Cardinal CT ; Casa Grande, AZ						5335	COMP+CAN	1/8	3.0TPG (s)	UA	
2878	COMP+CAN	1/8	3.0TTG (MC)	UA		5336	COMP+CAN	3/16	5.0TPG (m)	UA	
2879	COMP+CAN	5/32	4.0TTG (MC)	UA		Cardinal CT ; Mount Airy, NC					
2880	COMP+CAN	3/16	5.0TTG (MC)	UA		4578	COMP+CAN	1/8	3.0TTG (MC)	UA	
2881	COMP+CAN	1/4	6.0TTG (MC)	UA		4579	COMP+CAN	5/32	4.0TTG (MC)	UA	
4103	COMP+CAN	1/8	3.0TPG (m)	UA		4580	COMP+CAN	3/16	5.0TTG (MC)	UA	
4104	COMP+CAN	5/32	4.0TPG (d)	UA		8134	COMP+CAN	1/4	6.0TTG	UA	
4105	COMP+CAN	3/16	5.0TPG (m)	UA		4581	COMP+CAN	1/8	3.0TPG (m)	UA	
Cardinal CT ; Dixon, CA						4742	COMP+CAN	5/32	4.0TPG (s)	UA	
8480	COMPOSITE	1/8	3.0TTG (MC)	UA		4582	COMP+CAN	3/16	5.0TPG (m)	UA	
8481	COMPOSITE	5/32	4.0TTG (MC)	UA		Cardinal CT ; Utica, OH					
8482	COMPOSITE	3/16	5.0TTG (MC)	UA		4620	COMP+CAN	1/8	3.0TTG (MC)	UA	
2842	COMPOSITE	1/4	6.0TTG (MC)	UA		4621	COMP+CAN	5/32	4.0TTG (MC)	UA	
8674	COMPOSITE	1/8	3.0TPG (s)	UA		4622	COMP+CAN	3/16	5.0TTG (MC)	UA	
8675	COMPOSITE	5/32	4.0TPG (s)	UA		5479	COMP+CAN	1/4	6.0TTG (MC)	UA	
8676	COMPOSITE	3/16	5.0TPG (s)	UA		4623	COMP+CAN	1/8	3.0TPG (m)	UA	
						4624	COMP+CAN	5/32	4.0TPG (m)	UA	
						4625	COMP+CAN	3/16	5.0TPG (m)	UA	

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Cardinal FG ; Durant, OK					Cardinal IG ; Hood River, OR				
2909	COMP+CAN	1/8	3.0TTG	UA	2831	COMP+CAN	1/8	3.0TTG (MC)	UA
2910	COMP+CAN	5/32	4.0TTG	UA	2858	COMP+CAN	5/32	4.0TTG (MC)	UA
2911	COMP+CAN	3/16	5.0TTG	UA	2833	COMP+CAN	3/16	5.0TTG (MC)	UA
2912	COMP+CAN	1/4	6.0TTG	UA	2834	COMP+CAN	1/4	6.0TTG (MC)	UA
Cardinal FG ; Greenland, TN					Cardinal IG ; Mountain Top, PA				
598	COMP+CAN	1/8	3.0TTG (MC)	UA	7926	COMP+CAN	5/16	8.0TTG	UA
955	COMP+CAN	5/32	4.0TTG (MC)	UA	2857	COMP+CAN	1/8	3.0TPG (s)	UA
220	COMP+CAN	3/16	5.0TTG (MC)	UA	4836	COMP+CAN	5/32	4.0TPG (d)	UA
89	COMP+CAN	1/4	6.0TTG (MC)	UA	2859	COMP+CAN	3/16	5.0TPG (m)	UA
587	COMP+CAN	1/8	3.0TPG (s)	UA	Cardinal IG ; Ocala, FL (Old Location)				
1139	COMP+CAN	3/16	5.0TPG (s)	UA	3505	COMPOSITE	1/8	3.0TTG (MC)	UA
Cardinal FG ; Spring Hill, KS					Cardinal IG ; Spring Green, WI				
1702	COMP+CAN	1/8	3.0TTG (MC)	UA	1831	COMP+CAN	1/8	3.0TTG (MC)	UA
1703	COMP+CAN	5/32	4.0TTG (MC)	UA	5910	COMP+CAN	5/32	4.0TTG (MC)	U A
1704	COMP+CAN	3/16	5.0TTG (MC)	UA	5911	COMP+CAN	3/16	5.0TTG (MC)	UA
1705	COMP+CAN	1/4	6.0TTG (MC)	UA	1834	COMP+CAN	1/4	6.0TTG (MC)	UA
Cardinal IG ; Buckeye, AZ					Cardinal IG ; Tomah, WI				
6556	COMP+CAN	1/8	3.0TTG (MC)	UA	2317	COMP+CAN	1/8	3.0TTG (MC)	UA
6522	COMP+CAN	5/32	4.0TTG (MC)	UA	2318	COMP+CAN	5/32	4.0TTG (MC)	UA
6523	COMP+CAN	3/16	5.0TTG (MC)	UA	2319	COMP+CAN	3/16	5.0TTG (MC)	UA
6524	COMP+CAN	1/4	6.0TTG (MC)	UA	2320	COMP+CAN	1/4	6.0TTG (MC)	UA
6557	COMP+CAN	5/16	8.0TTG (MC)	UA	6069	COMP+CAN	5/16	8.0TTG	UA
7491	COMP+CAN	1/8	3.0TPG (m)	UA	2321	COMP+CAN	1/8	3.0TPG (m)	UA
6525	COMP+CAN	5/32	4.0TPG (d)	UA	2322	COMP+CAN	5/32	4.0TPG (d)	UA
6559	COMP+CAN	3/16	5.0TPG (m)	UA	2323	COMP+CAN	3/16	5.0TPG (d)	UA
Cardinal IG ; Fargo, ND					Cardinal IG ; Vinton, VA				
2235	COMP+CAN	1/8	3.0TTG (MC)	UA	2919	COMP+CAN	1/8	3.0TTG (MC)	UA
2234	COMP+CAN	5/32	4.0TTG (MC)	UA	2920	COMP+CAN	5/32	4.0TTG (MC)	UA
2233	COMP+CAN	3/16	5.0TTG (MC)	UA	2921	COMP+CAN	3/16	5.0TTG (MC)	UA
2232	COMP+CAN	1/4	6.0TTG (MC)	UA	2922	COMP+CAN	1/4	6.0TTG (MC)	UA
7067	COMP+CAN	5/16	8.0TTG (MC)	UA	2923	COMP+CAN	1/8	3.0TPG (s)	UA
2231	COMP+CAN	1/8	3.0TPG (s)	UA	2924	COMP+CAN	5/32	4.0TPG (d)	UA
2285	COMP+CAN	5/32	4.0TPG (m)	UA	3619	COMP+CAN	3/16	5.0TPG (s)	UA
2286	COMP+CAN	3/16	5.0TPG (s)	UA	Cardinal IG ; Fremont, IN				
Cardinal IG ; Greenfield, IA					Cardinal IG ; Tomah, WI				
1827	COMP+CAN	1/8	3.0TTG (MC)	UA	2317	COMP+CAN	1/8	3.0TTG (MC)	UA
1828	COMP+CAN	5/32	4.0TTG (MC)	UA	2318	COMP+CAN	5/32	4.0TTG (MC)	UA
1829	COMP+CAN	3/16	5.0TTG (MC)	UA	2319	COMP+CAN	3/16	5.0TTG (MC)	UA
1830	COMP+CAN	1/4	6.0TTG (MC)	UA	2320	COMP+CAN	1/4	6.0TTG (MC)	UA
5435	COMP+CAN	5/16	8.0TTG	UA	6069	COMP+CAN	5/16	8.0TTG	UA
1841	COMP+CAN	1/8	3.0TPG (s)	UA	2321	COMP+CAN	1/8	3.0TPG (m)	UA
1842	COMP+CAN	5/32	4.0TPG (d)	UA	2322	COMP+CAN	5/32	4.0TPG (d)	UA
1843	COMP+CAN	3/16	5.0TPG (s)	UA	2323	COMP+CAN	3/16	5.0TPG (d)	UA

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SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI CLASS	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI CLASS
		(THICKNESS CLASS)						(THICKNESS CLASS)			
Cardinal IG ; Waxahachie, TX						Carey Glass UC ; Nenagh, Co. Tipperary					
2328	COMP+CAN	1/8	3.0TTG (MC)		UA	5998	COMP+CAN	1/4	6.0TTG		UA
2329	COMP+CAN	5/32	4.0TTG (MC)		UA	5999	COMP+CAN	5/16	8.0TTG		UA
2330	COMP+CAN	3/16	5.0TTG (MC)		UA	6000	COMP+CAN	3/8	10.0TTG		UA
2331	COMP+CAN	1/4	6.0TTG (MC)		UA	6001	COMP+CAN	(H)	12-16+LTG (b)(A)	(.060)	UA
2397	COMP+CAN	1/8	3.0TPG (m)		UA	7333	COMP+CAN	(H)	12-16+LTG (ip)(A)	(.060)	UA
4091	COMP+CAN	5/32	4.0TPG (d)		UA	Cat-I Manufacturing, Inc. ; South Elgin, IL					
2399	COMP+CAN	3/16	5.0TPG (m)		UA	8076	COMP+CAN	1/8	3.0TTG		24x36A
Cardinal LG ; Amery, WI						5755	COMP+CAN	5/32	4.0TTG		24x36A
8255	COMP+CAN	5/32	4.0TTG (MC)		UA	Central Valley Glass & Screen, Inc. ; Sacramento, CA					
5193	COMP+CAN	3/16	5.0TTG (MC)		UA	7551	COMPOSITE	1/8	3.0TTG (MC)		UA
4841	COMP+CAN	1/4	6.0TTG (MC)		UA	7552	COMPOSITE	5/32	4.0TTG (MC)		UA
4842	COMP+CAN	5/16	8.0TTG		UA	7553	COMPOSITE	3/16	5.0TTG (MC)		UA
4843	COMP+CAN	3/8	10.0TTG		UA	7554	COMPOSITE	1/4	6.0TTG (MC)		UA
4844	COMP+CAN	1/2	12.0TTG		UA	7555	COMPOSITE	3/8	10.0TTG		UA
6484	COMP+CAN	5/8	16.0TTG (IN)		UA	7556	COMPOSITE	1/2	12.0TTG		UA
4350	COMP+CAN	(S)	5-6LTG (ip)(A)	(.035)	UA	CGMI Acquisition Company LLC dba Clearlight Glass and Mirror ; Kernersville, NC					
4120	COMP+CAN	(S)	5LTG (b)(A)	(.015)(C1)	UB	7809	COMP+CAN	1/8	3.0TTG		UA
2976	COMP+CAN	(S)	5-6LTG (b)(A)	(.030)	UA	7239	COMP+CAN	3/16	5.0TTG		UA
4351	COMP+CAN	(H)	8-16+LTG (ip)(A)	(.035)	UA	7240	COMP+CAN	1/4	6.0TTG		UA
2462	COMP+CAN	(H)	8-16+LTG (b)(A)	(.030)	UA	7243	COMP+CAN	3/8	10.0TTG		UA
8336	COMP+CAN	(IN)(H)	16.0LSP (b)(A)	.060X2 ECX1	UA	7241	COMP+CAN	1/2	12.0TTG		UA
Cardinal LG ; Statesboro, GA						Changshu Fardglass Co. Ltd. ; Changshu, Jiangsu					
2314	COMP+CAN	3/16	5.0TTG		UA	6684	COMP+CAN	1/8	3.0TTG		UA
2310	COMP+CAN	1/4	6.0TTG		UA	ChangShu MayBo Glass Co., Ltd ; Changshu, Jiangsu					
4720	COMP+CAN	5/16	8.0TTG		UA	7115	COMPOSITE	1/8	3.0TTG		UA
2311	COMP+CAN	3/8	10.0TTG		UA	7114	COMPOSITE	5/32	4.0TTG		UA
7591	COMP+CAN	(S)	6LTG (b)(A)	(.030)	UA	7116	COMPOSITE	3/16	5.0TTG		UA
8672	COMP+CAN	H	8.0LTG (ip)(A)	(.035)	UA	Changshu Mingyang Glass Products Co., Ltd. ; Changshu, Jiangsu					
4779	COMP+CAN	(H)	8-16+LTG (b)(A)	(.030)	UA	8553	COMPOSITE	1/8	3.0TTG		UA
Cardinal LG Northeast ; Jessup, PA						8766	COMPOSITE	1/4	6.0TTG		UA
7496	COMP+CAN	1/8	3.0TTG		UA	8767	COMPOSITE	5/16	8.0TTG		UA
7497	COMP+CAN	5/32	4.0TTG		UA	Changshu Weier Glass Products Co. Ltd. ; Changshu, Jiangsu					
7498	COMP+CAN	3/16	5.0TTG		UA	5351	COMPOSITE	1/8	3.0TTG		UA
7499	COMP+CAN	1/4	6.0TTG		UA	5352	COMPOSITE	5/32	4.0TTG		UA
7500	COMP+CAN	5/16	8.0TTG		UA	5353	COMPOSITE	3/16	5.0TTG		UA
7549	COMP+CAN	3/8	10.0TTG		UA	5354	COMPOSITE	1/4	6.0TTG		UA
7550	COMP+CAN	1/2	12.0TTG		UA	Changshu Xingfu Glass Building Material Co., LTD ; Changshu, Jiangsu					
5224	COMP+CAN	(S)	5-6LTG (b)(A)	(.030)	UA	4657	COMP+CAN	1/8	3.0TTG		UA
6617	COMP+CAN	(S)	5-6LTG (ip)(A)	(.035)	UA	5151	COMP+CAN	5/16	8.0TTG		UA
6618	COMP+CAN	(H)	8-12LTG (ip)(A)	(.035)	UA	5152	COMP+CAN	3/8	10.0TTG		UA
5225	COMP+CAN	(H)	8-12LTG (b)(A)	(.030)	UA	Changshu ZhongXin Building Materials Co., Ltd. ; Changshu, Jiangsu					
Cardinal Tempering ; Louisville, KY						2432	COMP+CAN	1/8	3.0TTG (MC)		UA
3871	COMPOSITE	5/32	4.0TTG		UA	6191	COMP+CAN	5/32	4.0TTG		UA
3872	COMPOSITE	3/16	5.0TTG		UA	6475	COMP+CAN	3/16	5.0TTG (MC)		UA
3873	COMPOSITE	1/4	6.0TTG		UA	6499	COMP+CAN	1/4	6.0TTG		UA
3874	COMPOSITE	3/8	10.0TTG		UA	6500	COMP+CAN	5/16	8.0TTG		UA
3875	COMPOSITE	1/2	12.0TTG		UA	4363	COMP+CAN	(H)	8LTG (b)(A)	(.090)	UA
Cardinal TG ; Chehalis, WA						Changshu Zhouxing Glass Co. Ltd. ; Changshu, Jiangsu					
3455	COMP+CAN	1/8	3.0TTG		UA	4936	COMP+CAN	1/8	3.0TTG		UA
3456	COMP+CAN	5/32	4.0TTG		UA						
3458	COMP+CAN	3/16	5.0TTG		UA						
3459	COMP+CAN	1/4	6.0TTG		UA						

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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							Complete Line Glass Wholesalers, Inc. ; San Antonio, TX						
3086	COMPOSITE	5/32		4.0TTG		UA	7565	COMPOSITE	1/8		3.0TTG (MC)		UA
3087	COMPOSITE	3/16		5.0TTG (MC)		UA	7566	COMPOSITE	5/32		4.0TTG		UA
3088	COMPOSITE	1/4		6.0TTG (MC)		UA	7567	COMPOSITE	3/16		5.0TTG (MC)		UA
3089	COMPOSITE	3/8		10.0TTG		UA	7568	COMPOSITE	1/4		6.0TTG (MC)		UA
3090	COMPOSITE	1/2		12.0TTG		UA	7569	COMPOSITE	3/8		10.0TTG		UA
8710	COMPOSITE	(H)	10, 12	LTG (b)(A)	(.030)	UA	7570	COMPOSITE	3/16		5.0TPG (m)		UA
6714	COMPOSITE	(H)	12	LTG (ip)(A) (IN)	(.035)	UA	7572	COMPOSITE	3/8		10.0TPG (s)		UA
Chongqing SYP Engineering Glass Co., Ltd. ; Qijiang District, Chongqing							Consolidated Glass Corp. ; New Castle, PA						
6810	COMP+CAN	1/4		6.0TTG		UA	1998	COMP+CAN	1/8		3.0TTG		UA
6811	COMP+CAN	5/16		8.0TTG		UA	1999	COMP+CAN	5/32		4.0TTG		UA
6812	COMP+CAN	3/8		10.0TTG		UA	2005	COMP+CAN	3/16		5.0TTG		UA
6813	COMP+CAN	*		12.0TTG (3)		UA	2002	COMP+CAN	1/4		6.0TTG		UA
6815	COMP+CAN	(H)	12-16+	LTG (ip)(A)	(.060)	UA	3635	COMP+CAN	5/16		8.0TTG		UA
6814	COMP+CAN	(H)	12-16+	LTG (b)(A)	(.030)	UA	2003	COMP+CAN	3/8		10.0TTG		UA
Ciraylar Cam Insaat Malzemeleri San. VE TIC. A.S. ; Karatay, Konya							2355 COMP+CAN 5/32 4.0TPG (m) UA						
8743	COMPOSITE	3/16		5.0TTG		UA	2354	COMP+CAN	3/16		5.0TPG (m)		UA
8744	COMPOSITE	1/4		6.0TTG		UA	4714	COMP+CAN	1/4		6.0TPG (m)		UA
8745	COMPOSITE	5/16		8.0TTG		UA	4785	COMP+CAN	3/8		10.0TPG (s)		UA
8746	COMPOSITE	3/8		10.0TTG		UA	Contour Industries, Inc. ; Surgoinville, TN						
8747	COMPOSITE	*		12.0TTG (3)		UA	1680	COMP+CAN	1/8		3.0TTG (MC)		UA
8748	COMPOSITE	(H)	10-16+	LTG (b)(A)	(.060)	UA	4285	COMP+CAN	5/32		4.0TTG		UA
Cleer Vision Tempered Glass ; Elkhart, IN							1678 COMP+CAN 3/16 5.0TTG UA						
4546	COMP+CAN	1/8		3.0TTG (MC)		UA	1677	COMP+CAN	1/4		6.0TTG		UA
8652	COMP+CAN	5/32		4.0TTG		UA	4701	COMP+CAN	5/16		8.0TTG		UA
8653	COMP+CAN	3/16		5.0TTG		UA	4702	COMP+CAN	3/8		10.0TTG		UA
7630	COMP+CAN	1/4		6.0TTG		UA	4703	COMP+CAN	1/8		3.0TPG (s)		UA
8654	COMP+CAN	1/8		3.0TPG (m)		UA	4704	COMP+CAN	5/32		4.0TPG (s)(IN)		UA
Clinton Glass Company (Middlebrook Pike) ; Knoxville, TN							4705 COMP+CAN 3/16 5.0TPG (s) UA						
7543	COMPOSITE	1/4		6.0TTG		UA	Contractors Wardrobe ; Valencia, CA						
7831	COMPOSITE	5/16		8.0TTG		UA	3464	COMP+CAN	1/8		3.0TTG		UA
7544	COMPOSITE	3/8		10.0TTG		UA	3465	COMP+CAN	5/32		4.0TTG		UA
7545	COMPOSITE	1/2		12.0TTG		UA	3466	COMP+CAN	3/16		5.0TTG		UA
Colorkote CT, LLC ; Stratford, CT							3467 COMP+CAN 1/4 6.0TTG UA						
7095	COMP+CAN	(H)	10-12	LTG (ev)(A)	(.060)	UA	3468	COMP+CAN	5/16		8.0TTG		UA
Comercial Dialum SA ; Lampa, Santiago							3469 COMP+CAN 3/8 10.0TTG UA						
8581	COMPOSITE	(H)	8	LTG (b)(A)	(.090)	UA	3470	COMP+CAN	1/2		12.0TTG		UA
5938	COMPOSITE	(H)	12	LTG (ip)(A)	(.035)	UA	3472	COMP+CAN	3/4		19.0TTG		UA
Commercial Insulating Glass Co. ; Cumberland City, TN							3473 COMP+CAN 1/8 3.0TPG (m) UA						
3806	COMPOSITE	1/8		3.0TTG (MC)		UA	3474	COMP+CAN	5/32		4.0TPG (m)		UA
3807	COMPOSITE	3/16		5.0TTG (MC)		UA	3475	COMP+CAN	3/16		5.0TPG (m)		UA
3808	COMPOSITE	1/4		6.0TTG (MC)		UA	3476	COMP+CAN	1/4		6.0TPG (s)		UA
Compagnie de Portes Énergétique EDC (Energy Door Company) ; L'Assomption, Quebec							3477 COMP+CAN 3/8 10.0TPG (s) UA						
7192	COMP+CAN	5/32		4.0TTG		UA	Control Glass, A&S, S.L. ; Teruel, Spain						
							7791	COMP+CAN	5/32		4.0TTG		UA
							7792	COMP+CAN	1/4		6.0TTG		UA
							7793	COMP+CAN	3/8		10.0TTG		UA
							7988	COMP+CAN	*		12.0TTG (4)		UA
							7794	COMP+CAN	(H)	8-16+	LTG (b)(A)	(.030)	UA
							7795	COMP+CAN	(H)	12-16+	LTG (ip)(A)	(.060)	UA

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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
Coral Industries Glass Division ; Tuscaloosa, AL							Denver Glass Interiors, Inc. ; Englewood, CO						
1910	COMPOSITE	3/16		5.0TTG		UA	3865	COMPOSITE	3/16		5.0TTG		UA
1911	COMPOSITE	1/4		6.0TTG		UA	3866	COMPOSITE	1/4		6.0TTG		UA
2144	COMPOSITE	3/8		10.0TTG		UA	3867	COMPOSITE	3/8		10.0TTG		UA
2145	COMPOSITE	1/2		12.0TTG		UA	3868	COMPOSITE	1/2		12.0TTG		UA
1964	COMPOSITE	3/16		5.0TPG (d)		UA	7582	COMPOSITE	3/16		5.0TPG (m)		UA
2944	COMPOSITE	1/4		6.0TPG (d)		UA	4507	COMPOSITE	1/4		6.0TPG (m)		UA
2945	COMPOSITE	3/8		10.0TPG (d)		UA	4508	COMPOSITE	3/8		10.0TPG (s)		UA
Crystal Tempering, Inc. ; Debary, FL							6916 COMPOSITE (H) 8-16+LTG (b)(A) (.030) UA						
6209	COMPOSITE	3/16		5.0TTG		UA	6902	COMPOSITE	(H)		8-16+LTG (ip)(A)		(.060) UA
6210	COMPOSITE	1/4		6.0TTG		UA	Deqing Sanxing Plastic Chemical Co. Ltd. ; Huzhou, Zhejiang						
6211	COMPOSITE	3/8		10.0TTG		UA	4055	COMPOSITE	1/8		3.0TTG		UA
6212	COMPOSITE	1/2		12.0TTG		UA	4056	COMPOSITE	5/32		4.0TTG		UA
6214	COMPOSITE	3/16		5.0TPG (m)		UA	4057	COMPOSITE	3/16		5.0TTG		UA
6215	COMPOSITE	1/4		6.0TPG (s)		UA	4146	COMPOSITE	1/4		6.0TTG		UA
6216	COMPOSITE	3/8		10.0TPG (s)		UA	4147	COMPOSITE	3/8		10.0TTG		UA
CS ECO Glass (M) Sdn Bhd ; Sungai Gadut, Negeri Sembilan							Diamond Glass ; Dublin, Ireland						
6867	COMPOSITE	3/16		5.0TTG		UA	8302	COMP+CAN	5/16		8.0TTG		UA
6868	COMPOSITE	1/4		6.0TTG		UA	8303	COMP+CAN	3/8		10.0TTG		UA
6869	COMPOSITE	5/16		8.0TTG		UA	8304	COMP+CAN	1/2		12.0TTG (3)		UA
6870	COMPOSITE	3/8		10.0TTG		UA	8306	COMP+CAN	(H)		10,12LTG (ip)(T)		(.060) UA
6871	COMPOSITE	1/2		12.0TTG		UA	8305	COMP+CAN	(H)		10-16+LTG (b)(T)		(.060) UA
8239	COMPOSITE	(H)		10-16+LTG (b)(A)		(.015) UA	Dillmeier Enterprise, Inc. ; Van Buren, AR						
Curved Glass Creations, LLC ; Pompano Beach, FL							4838 COMPOSITE 1/8 3.0TTG UA						
7113	COMPOSITE	(H)		10-16+LTG (ev)(A)		(.060) UA	3912	COMPOSITE	3/16		5.0TTG		UA
Custom Glass Products Inc. ; Weston, WI							3913 COMPOSITE 1/4 6.0TTG UA						
4002	COMPOSITE	1/4		6.0TTG (MC)		UA	4839	COMPOSITE	5/16		8.0TTG		UA
6671	COMPOSITE	1/2		12.0TTG		UA	3914	COMPOSITE	3/8		10.0TTG		UA
D3 Glass, LLC ; Fort Myers, FL							3915 COMPOSITE 1/2 12.0TTG UA						
7627	COMPOSITE	1/4		6.0TTG		UA	3916	COMPOSITE	5/8		16.0TTG		UA
7628	COMPOSITE	3/8		10.0TTG		UA	3917	COMPOSITE	3/4		19.0TTG		UA
7629	COMPOSITE	1/2		12.0TTG		UA	7947	COMP+CAN	(S)		6LTG (ev)(A)		(.015) UA
7626	COMPOSITE	3/8		10.0TPG (s)		UA	8110	COMP+CAN	(H)		10LTG (ev)(A)		(.045) UA
8443	COMPOSITE	(H)		12LTG (b)(A)		(.030) UA	8347	COMP+CAN	(H)		10LTG (ev)(A)		(.015) UA
8442	COMPOSITE	(H)		12LTG (ip)(A)		(.035) UA	8088	COMP+CAN	(H)		10LTG (ev)(T)		(.015) UA
Dalian Huaying Glass Limited Liability Co. ; Dalian, Liaoning							Dolphin Temper Glass LLC ; Miami Gardens, FL						
5260	COMP+CAN	1/8		3.0TTG		UA	7840	COMPOSITE	1/4		6.0TTG		UA
6639	COMP+CAN	5/32		4.0TTG		UA	Dongguan CSG Architectural Glass Co., Ltd. ; Dongguan, Guangdong Province						
5261	COMP+CAN	3/16		5.0TTG		UA	3932	COMP+CAN	5/32		4.0TTG		UA
Dallas Flat Glass ; Carrollton, TX							3933 COMP+CAN 3/16 5.0TTG UA						
4790	COMPOSITE	1/8		3.0TTG		UA	3934	COMP+CAN	1/4		6.0TTG		UA
4763	COMPOSITE	3/16		5.0TTG		UA	3935	COMP+CAN	5/16		8.0TTG		UA
3701	COMPOSITE	1/4		6.0TTG		UA	3936	COMP+CAN	3/8		10.0TTG		UA
4566	COMPOSITE	3/8		10.0TTG		UA	3937	COMP+CAN	1/2		12.0TTG		UA
4567	COMPOSITE	1/2		12.0TTG		UA	3938	COMP+CAN	*		15.0TTG (4)		UA
8174	COMPOSITE	3/4		19.0TTG		UA	3939	COMP+CAN	3/4		19.0TTG		UA
							4167	COMP+CAN	(H)		8-16+LTG (b)(A)		(.030) UA

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		(THICKNESS CLASS)						(THICKNESS CLASS)			
Dongguan Dongfa Glass Product Co., Ltd ; Dongguan, Guangdong Province						EFCO Corporation ; Monett, MO					
4132	COMP+CAN	5/16	8.0TTG		UA	4121	COMPOSITE	1/8	3.0TTG		UA
4125	COMP+CAN	3/8	10.0TTG		UA	1901	COMPOSITE	3/16	5.0TTG		UA
4126	COMP+CAN	*	12.0TTG (3)		UA	1902	COMPOSITE	1/4	6.0TTG (MC)		UA
7620	COMP+CAN	*	15.0TTG (4)		UA	4154	COMPOSITE	5/16	8.0TTG		UA
7621	COMP+CAN	3/4	19.0TTG		UA	8233	COMPOSITE	3/8	10.0TTG		UA
4123	COMP+CAN	(H)	12-16+LTG (b)(A)	(.030)	UA	2143	COMPOSITE	3/16	5.0TPG (s)		UA
Double Seal Insulating Glass Ltd. ; Toronto, Ontario						Elivate Mexico Supply S. de R.L. de C.V. ; Tecate, Baja California					
8307	COMP+CAN	1/8	3.0TTG		UA	8435	COMP+CAN	3/16	5.0TTG		UA
8308	COMP+CAN	5/32	4.0TTG		UA	8436	COMP+CAN	1/4	6.0TTG (MC)		UA
8309	COMP+CAN	3/16	5.0TTG		UA	8437	COMP+CAN	5/16	8.0TTG (MC)		UA
8310	COMP+CAN	1/4	6.0TTG		UA	8438	COMP+CAN	3/8	10.0TTG		UA
Downey Glass ; Pompano Beach, FL						Engineered Glass Products, L.L.C. ; Chicago, IL					
2661	COMPOSITE	3/16	5.0TTG		UA	4388	COMPOSITE	1/8	3.0TTG (MC)		26x72A
2662	COMPOSITE	1/4	6.0TTG		UA	2589	COMPOSITE	5/32	4.0TTG (MC)		26x72A
5554	COMPOSITE	5/16	8.0TTG		UA	8185	COMPOSITE	3/16	5.0TTG (MC)		26x72A
2663	COMPOSITE	3/8	10.0TTG		UA	Epta S.P.A. ; Limana, Belluno					
2664	COMPOSITE	1/2	12.0TTG		UA	7934	COMP+CAN	5/32	4.0TTG		UA
2665	COMPOSITE	3/4	19.0TTG		UA	Erdem Dis Ticaret A.S. ; Pendik, Istanbul					
3487	COMPOSITE	3/16	5.0TPG (s)		UA	7609	COMP+CAN	1/4	6.0TTG		UA
4626	COMPOSITE	3/8	10.0TPG (s)		UA	7610	COMP+CAN	5/16	8.0TTG		UA
5121	COMPOSITE	(S)	6LTG (ip)(A)	(.035)	UA	7611	COMP+CAN	3/8	10.0TTG		UA
5122	COMPOSITE	(H)	10-16+LTG (ip)(A)	(.035)	UA	7612	COMP+CAN	(H)	10-16+LTG (b)(A)	(.030)	UA
Dulles Glass ; Manassas, VA						Euroglas-De Landtsheer NV ; Bornem, Belgium					
4918	COMPOSITE	3/16	5.0TTG		UA	8147	COMPOSITE	1/4	6.0TTG		UA
4061	COMPOSITE	1/4	6.0TTG		UA	8148	COMPOSITE	5/16	8.0TTG		UA
4062	COMPOSITE	3/8	10.0TTG		UA	8149	COMPOSITE	3/8	10.0TTG		UA
4063	COMPOSITE	1/2	12.0TTG		UA	8150	COMPOSITE	1/2	12.0TTG		UA
5123	COMPOSITE	3/8	10.0TPG (s)		UA	Excel Glass Systems ; Carrollton, TX					
Echols Glass and Mirror, Inc. ; Buford, GA						Express Impact Manufacturing ; Medley, FL					
7712	COMPOSITE	1/8	3.0TTG		UA	8468	COMPOSITE	(S)	6LTG (b)(A)	(.030)	UA
6314	COMPOSITE	3/16	5.0TTG		UA	8469	COMPOSITE	(H)	10-16+LTG (b)(A)	(.030)	UA
6315	COMPOSITE	1/4	6.0TTG		UA	Express Impact Manufacturing ; Medley, FL					
6316	COMPOSITE	3/8	10.0TTG		UA	8590	COMPOSITE	(H)	8, 12LTG (b)(A)	(.090)	UA
6317	COMPOSITE	1/2	12.0TTG		UA	Extrusiones de Aluminio, S.A. ; Santo Domingo, Heredia					
6318	COMPOSITE	3/16	5.0TPG (m)		UA	8157	COMPOSITE	1/4	6.0TTG (MC)		UA
6319	COMPOSITE	3/8	10.0TPG (s)		UA	8158	COMPOSITE	3/8	10.0TTG		UA
ECO Glass Production ; Medley, FL						eyrise B.V. ; Veldhoven, Netherlands					
8367	COMP+CAN	1/8	3.0TTG		UA	7829	COMP+CAN	(H)	25LSP (b)(HS)	(.030)x6	UA
8369	COMP+CAN	3/16	5.0TTG		UA	7830	COMP+CAN	(H)	32LSP (b)(HS)	(.030)x4	UA
8370	COMP+CAN	1/4	6.0TTG		UA	Fairis C.A. ; Ambato, Tungurahua					
8371	COMP+CAN	(S)	6LTG (ip)(A)	(.035)	UA	4425	COMPOSITE	5/32	4.0TTG (MC)		UA
8368	COMP+CAN	(H)	8LTG (ip)(A)	(.035)	UA	4426	COMPOSITE	3/16	5.0TTG		UA
8372	COMP+CAN	(H)	8LTG (b)(A)	(.045)	UA	4427	COMPOSITE	1/4	6.0TTG (MC)		UA
8276	COMP+CAN	(H)	8,12LTG (b)(A)	(.090)	UA	4428	COMPOSITE	5/16	8.0TTG		UA
Edge Tempering ; Hialeah, FL						Fairis C.A. ; Ambato, Tungurahua					
7280	COMPOSITE	3/16	5.0TTG		UA	4429	COMPOSITE	3/8	10.0TTG		UA
6297	COMPOSITE	1/4	6.0TTG		UA	4722	COMPOSITE	(S)	6LTG (b)(A)	(.030)	UA
6298	COMPOSITE	3/8	10.0TTG		UA	4430	COMPOSITE	(H)	10-12LTG (b)(A)	(.030)	UA
6299	COMPOSITE	1/2	12.0TTG		UA						

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SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI CLASS	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI CLASS
		(THICKNESS CLASS)						(THICKNESS CLASS)			
FG Glass Industries Pvt Ltd. ; Mumbai, Maharashtra						Foshan Nanhai Ruixin Glass Co., LTD. ; Foshan, Guangdong Province					
8417	COMP+CAN	5/32	4.0TTG		UA	8321	COMP+CAN	1/4	6.0TTG		UA
8418	COMP+CAN	1/4	6.0TTG		UA	8322	COMP+CAN	5/16	8.0TTG		UA
8419	COMP+CAN	5/16	8.0TTG		UA	8323	COMP+CAN	3/8	10.0TTG		UA
8420	COMP+CAN	3/8	10.0TTG		UA	Fountain Glass Inc. ; Lenexa, KS					
8421	COMP+CAN	1/2	12.0TTG		UA	7105	COMPOSITE	3/16	5.0TTG		UA
8344	COMP+CAN	(H)	8,12-16+LTG (ip)(A)	(.035)	UA	7101	COMPOSITE	1/4	6.0TTG		UA
8345	COMP+CAN	(H)	12-16+LTG (b)(A)	(.015)	UA	7106	COMPOSITE	3/8	10.0TTG		UA
Flat Glass Distributors ; Jacksonville, FL						7104	COMPOSITE	1/2	12.0TTG		UA
3822	COMPOSITE	1/8	3.0TTG (MC)		UA	7102	COMPOSITE	3/16	5.0TPG (m)		UA
3823	COMPOSITE	3/16	5.0TTG (MC)		UA	7100	COMPOSITE	1/4	6.0TPG (s)		UA
3824	COMPOSITE	1/4	6.0TTG (MC)		UA	7103	COMPOSITE	3/8	10.0TPG (s)		UA
3825	COMPOSITE	3/8	10.0TTG		UA	Fujian Chengda Glass Co., Ltd ; Zhangzhou, Fujian					
3826	COMPOSITE	1/2	12.0TTG		UA	7182	COMPOSITE	1/8	3.0TTG		UA
3828	COMPOSITE	1/8	3.0TPG (m)		UA	7183	COMPOSITE	5/32	4.0TTG		UA
3830	COMPOSITE	3/16	5.0TPG (m)		UA	7874	COMPOSITE	3/16	5.0TTG		UA
3831	COMPOSITE	1/4	6.0TPG (s)		UA	7185	COMPOSITE	1/4	6.0TTG		UA
4638	COMPOSITE	3/8	10.0TPG (s)		UA	7186	COMPOSITE	5/16	8.0TTG		UA
Flat Glass Group Co., Ltd. ; Jiaxing, Zhejiang						7187	COMPOSITE	3/8	10.0TTG		UA
5521	COMP+CAN	3/16	5.0TTG (MC)		UA	7188	COMPOSITE	1/2	12.0TTG		UA
5522	COMP+CAN	1/4	6.0TTG (MC)		UA	Fujian Tider Glass Co., Ltd. ; Xiamen, Fujian					
5523	COMP+CAN	5/16	8.0TTG (MC)		UA	8366	COMP+CAN	1/8	3.0TTG		UA
5524	COMP+CAN	3/8	10.0TTG		UA	7784	COMP+CAN	5/32	4.0TTG		UA
8380	COMP+CAN	1/2	12.0TTG		UA	7785	COMP+CAN	3/16	5.0TTG		UA
6898	COMP+CAN	5/32	4.0TPG (m)		UA	7786	COMP+CAN	1/4	6.0TTG		UA
5526	COMP+CAN	(H)	10-16+LTG (b)(HS)	(.030)	UA	7787	COMP+CAN	5/16	8.0TTG		UA
Foshan Douglas Glass Technology Co., LTD. ; Foshan, Guangdong						7788	COMP+CAN	3/8	10.0TTG		UA
8695	COMP+CAN	1/4	6.0TTG		UA	7789	COMP+CAN	1/2	12.0TTG		UA
8696	COMP+CAN	5/16	8.0TTG		UA	8360	COMP+CAN	3/16	5.0TPG (s)		UA
8697	COMP+CAN	3/8	10.0TTG		UA	8361	COMP+CAN	1/4	6.0TPG (m)		UA
Foshan Gaoming Yaqi Toughened Glass ; Foshan, Guangdong Province						Fujian Xihe Sanitary Ware Technology Co., Ltd ; Quanzhou, Fujian					
8627	COMP+CAN	3/16	5.0TTG		UA	8023	COMPOSITE	5/32	4.0TTG		UA
6119	COMP+CAN	1/4	6.0TTG		UA	8024	COMPOSITE	3/16	5.0TTG		UA
6120	COMP+CAN	5/16	8.0TTG		UA	8025	COMPOSITE	1/4	6.0TTG		UA
6121	COMP+CAN	3/8	10.0TTG		UA	8026	COMPOSITE	5/16	8.0TTG		UA
6122	COMP+CAN	1/2	12.0TTG		UA	8618	COMPOSITE	3/8	10.0TTG (s)		UA
7717	COMP+CAN	5/16	8.0TPG (s)		UA	8617	COMPOSITE	1/4	6.0TPG (s)		UA
6123	COMP+CAN	1/4	6.0TBG		UA	8030	COMPOSITE	3/16	5.0TBG		UA
6124	COMP+CAN	5/16	8.0TBG		UA	8031	COMPOSITE	1/4	6.0TBG		UA
Foshan Jingyi Tempered Glass Co., LTD. ; Foshan, Guangdong Province						8032	COMPOSITE	5/16	8.0TBG		UA
8357	COMP+CAN	1/4	6.0TTG		UA	Futureguard Building Products ; Auburn, ME					
8358	COMP+CAN	5/16	8.0TTG		UA	8663	COMP+CAN	5/32	4.0TTG		UA
8359	COMP+CAN	3/8	10.0TTG		UA	Fuzhou Autran Industrial Co., Ltd. ; Fuzhou, Fujian					
8816	COMP+CAN	1/4	6.0TBG		UA	8698	COMP+CAN	1/4	6.0TTG		UA
Foshan Nanhai Nengyang Electrical Technology Co., Ltd. ; Foshan, Guangdong Province						8699	COMP+CAN	3/8	10.0TTG		UA
8260	COMPOSITE	3/16	5.0TTG		UA	8700	COMP+CAN	1/2	12.0TTG		UA
8261	COMPOSITE	1/4	6.0TTG		UA						
8262	COMPOSITE	5/16	8.0TTG		UA						
8263	COMPOSITE	3/8	10.0TTG		UA						

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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)			
G.E. Silliker & Sons Ltd. ; Borden-Carleton, Prince Edward Island						GGI Glass Distributors Corp. ; Secaucus, NJ					
8224	COMP+CAN	1/8	3.0TTG (MC)		UA	2928	COMPOSITE	5/32	4.0TTG (IN)		UA
8225	COMP+CAN	5/32	4.0TTG (MC)		UA	2226	COMPOSITE	3/16	5.0TTG (MC)		UA
8226	COMP+CAN	3/16	5.0TTG (MC)		UA	2227	COMPOSITE	1/4	6.0TTG (MC)		UA
8227	COMP+CAN	1/4	6.0TTG (MC)		UA	4248	COMPOSITE	5/16	8.0TTG		UA
8228	COMP+CAN	5/16	8.0TTG (MC)		UA	2282	COMPOSITE	3/8	10.0TTG		UA
8229	COMP+CAN	3/8	10.0TTG		UA	2228	COMPOSITE	1/2	12.0TTG		UA
8230	COMP+CAN	1/2	12.0TTG		UA	3857	COMPOSITE	5/8	16.0TTG		UA
8231	COMP+CAN	5/8	16.0TTG		UA	3858	COMPOSITE	3/4	19.0TTG		UA
8232	COMP+CAN	3/4	19.0TTG		UA	4774	COMPOSITE	1	25.0TTG (IN)		UA
Galaxy Glass & Stone ; Fairfield, NJ						Gin Jye Ming Glass Co., Ltd. ; Lugang Township, Changhua County					
3661	COMP+CAN	(H)	8-16+LTG (lu)(A)	(.060)	UA	3970	COMPOSITE	5/32	4.0TPG (s)(IN)		UA
5752	COMP+CAN	(H)	8-16+LTG (ev)(A)	(.060)	UA	3971	COMPOSITE	3/16	5.0TPG (m)		UA
Gardner Glass Products Inc. ; North Wilkesboro, NC						GLAAM Co., Ltd. ; Pyeongtaek-si, Gyeonggi-do					
7437	COMP+CAN	(H)	12LTG (ip)(A)	(.060)	UA	3972	COMPOSITE	1/4	6.0TPG (m)		UA
7438	COMP+CAN	(H)	16+LTG (b)(A)	(.030)	UA	3973	COMPOSITE	3/8	10.0TPG (s)		UA
Garibaldi Glass Ind. Inc. ; Burnaby, British Columbia						GLASPRO ; Santa Fe Springs, CA					
5124	COMP+CAN	3/16	5.0TTG (MC)		UA	3974	COMPOSITE	1/2	12.0TPG (s)(IN)		UA
4419	COMP+CAN	1/4	6.0TTG (MC)		UA	7868	COMP+CAN	3/16	5.0TTG		UA
5219	COMP+CAN	5/16	8.0TTG (MC)		UA	7869	COMP+CAN	(S)	6LTG (b)(A)	(.030)	UA
4420	COMP+CAN	3/8	10.0TTG (MC)		UA	GLASPRO ; Santa Fe Springs, CA					
4421	COMP+CAN	1/2	12.0TTG		UA	7928	COMP+CAN	(H)	10LTG (lu)(A)	(.098)	UB
5125	COMP+CAN	*	15.0TTG (4)		UA	GLASPRO ; Santa Fe Springs, CA					
4422	COMP+CAN	3/4	19.0TTG		UA	6047	COMP+CAN	1/4	6.0TTG (MC)		UA
7380	COMP+CAN	(S)	6LTG (b)(A)	(.030)	UA	6048	COMP+CAN	1/2	12.0TTG		UA
6767	COMP+CAN	(S)	6LTG (ip)(A)	(.035)	UA	6050	COMP+CAN	(H)	8-16+LTG (b)(A)	(.030)	UA
6768	COMP+CAN	(H)	8-16+LTG (ip)(A)	(.035)	UA	Glass and Mirror Craft ; Wixom, MI					
6766	COMP+CAN	(H)	8-16+LTG (b)(A)	(.030)	UA	4198	COMP+CAN	1/8	3.0TTG (MC)		UA
Gemtron Canada Corporation ; Midland, Ontario						Glass Design of Miami, Inc. ; Medley, FL					
3067	COMP+CAN	1/8	3.0TTG		UA	5116	COMP+CAN	5/32	4.0TTG		UA
3659	COMP+CAN	5/32	4.0TTG		UA	4199	COMP+CAN	3/16	5.0TTG (MC)		UA
3636	COMP+CAN	3/16	5.0TTG		UA	4200	COMP+CAN	1/4	6.0TTG (MC)		UA
3637	COMP+CAN	1/4	6.0TTG		UA	5598	COMP+CAN	3/8	10.0TTG (MC)		UA
6020	COMP+CAN	5/16	8.0TTG		UA	4202	COMP+CAN	1/2	12.0TTG		UA
6021	COMP+CAN	3/8	10.0TTG		UA	4203	COMP+CAN	5/8	16.0TTG		UA
General Glass ; Vancouver, WA						Glass Design of Miami, Inc. ; Medley, FL					
4031	COMPOSITE	1/8	3.0TTG (MC)		UA	4204	COMP+CAN	3/4	19.0TTG		UA
4032	COMPOSITE	5/32	4.0TTG (MC)		UA	4924	COMP+CAN	(H)	12-16+LTG (ip)(A)	(.035)	UA
4033	COMPOSITE	3/16	5.0TTG (MC)		UA	Glass Design of Miami, Inc. ; Medley, FL					
4034	COMPOSITE	1/4	6.0TTG (MC)		UA	7145	COMPOSITE	1/4	6.0TTG		UA
8806	COMPOSITE	3/8	10.0TTG		UA	7144	COMPOSITE	3/8	10.0TTG		UA
5751	COMPOSITE	1/2	12.0TTG		UA	7143	COMPOSITE	1/2	12.0TTG		UA
5750	COMPOSITE	1/8	3.0TPG (s)		UA	Glass Enterprises, Inc. ; Bensalem, PA					
7478	COMPOSITE	3/16	5.0TPG (m)		UA	4628	COMPOSITE	3/16	5.0TTG (MC)		UA
General Glass ; Vancouver, WA						Glass Enterprises, Inc. ; Bensalem, PA					
4031	COMPOSITE	1/8	3.0TTG (MC)		UA	4629	COMPOSITE	1/4	6.0TTG (MC)		UA
4032	COMPOSITE	5/32	4.0TTG (MC)		UA	6597	COMPOSITE	3/8	10.0TTG		UA
4033	COMPOSITE	3/16	5.0TTG (MC)		UA	6598	COMPOSITE	1/2	12.0TTG		UA
4034	COMPOSITE	1/4	6.0TTG (MC)		UA	8540	COMPOSITE	5/8	16.0TTG		UA
8806	COMPOSITE	3/8	10.0TTG		UA	8541	COMPOSITE	3/4	19.0TTG		UA
5751	COMPOSITE	1/2	12.0TTG		UA	Glass Laminate Solutions ; Hialeah, FL					
5750	COMPOSITE	1/8	3.0TPG (s)		UA	8671	COMP+CAN	(H)	12-16+LTG (ip)(A)	(.060)	UB
7478	COMPOSITE	3/16	5.0TPG (m)		UA	Glassbel Baltic ; Klaipeda, Lithuania					
General Glass ; Vancouver, WA						Glassbel Baltic ; Klaipeda, Lithuania					
4031	COMPOSITE	1/8	3.0TTG (MC)		UA	6706	COMPOSITE	1/4	6.0TTG (MC)		UA
4032	COMPOSITE	5/32	4.0TTG (MC)		UA	6707	COMPOSITE	5/16	8.0TTG (MC)		UA
4033	COMPOSITE	3/16	5.0TTG (MC)		UA	6708	COMPOSITE	3/8	10.0TTG (MC)		UA
4034	COMPOSITE	1/4	6.0TTG (MC)		UA	6709	COMPOSITE	1/2	12.0TTG (MC)		UA
8806	COMPOSITE	3/8	10.0TTG		UA	8049	COMPOSITE	(H)	8-16+LTG (b)(A)	(.030)	UA
5751	COMPOSITE	1/2	12.0TTG		UA	7524	COMPOSITE	(H)	8-16+LTG (ip)(A)	(.035)	UA
5750	COMPOSITE	1/8	3.0TPG (s)		UA	Glassbel Baltic ; Klaipeda, Lithuania					
7478	COMPOSITE	3/16	5.0TPG (m)		UA	6706	COMPOSITE	1/4	6.0TTG (MC)		UA
General Glass ; Vancouver, WA						Glassbel Baltic ; Klaipeda, Lithuania					
4031	COMPOSITE	1/8	3.0TTG (MC)		UA	6707	COMPOSITE	5/16	8.0TTG (MC)		UA
4032	COMPOSITE	5/32	4.0TTG (MC)		UA	6708	COMPOSITE	3/8	10.0TTG (MC)		UA
4033	COMPOSITE	3/16	5.0TTG (MC)		UA	6709	COMPOSITE	1/2	12.0TTG (MC)		UA
4034	COMPOSITE	1/4	6.0TTG (MC)		UA	8049	COMPOSITE	(H)	8-16+LTG (b)(A)	(.030)	UA
8806	COMPOSITE	3/8	10.0TTG		UA	7524	COMPOSITE	(H)	8-16+LTG (ip)(A)	(.035)	UA
5751	COMPOSITE	1/2	12.0TTG		UA	Glassbel Baltic ; Klaipeda, Lithuania					
5750	COMPOSITE	1/8	3.0TPG (s)		UA	6706	COMPOSITE	1/4	6.0TTG (MC)		UA
7478	COMPOSITE	3/16	5.0TPG (m)		UA	6707	COMPOSITE	5/16	8.0TTG (MC)		UA
General Glass ; Vancouver, WA						Glassbel Baltic ; Klaipeda, Lithuania					
4031	COMPOSITE	1/8	3.0TTG (MC)		UA	6708	COMPOSITE	3/8	10.0TTG (MC)		UA
4032	COMPOSITE	5/32	4.0TTG (MC)		UA	6709	COMPOSITE	1/2	12.0TTG (MC)		UA
4033	COMPOSITE	3/16	5.0TTG (MC)		UA	8049	COMPOSITE	(H)	8-16+LTG (b)(A)	(.030)	UA
4034	COMPOSITE	1/4	6.0TTG (MC)		UA	7524	COMPOSITE	(H)	8-16+LTG (ip)(A)	(.035)	UA
8806	COMPOSITE	3/8	10.0TTG		UA	Glassbel Baltic ; Klaipeda, Lithuania					
5751	COMPOSITE	1/2	12.0TTG		UA	6706	COMPOSITE	1/4	6.0TTG (MC)		UA
5750	COMPOSITE	1/8	3.0TPG (s)		UA	6707	COMPOSITE	5/16	8.0TTG (MC)		UA
7478	COMPOSITE	3/16	5.0TPG (m)		UA	6708	COMPOSITE	3/8	10.0TTG (MC)		UA
General Glass ; Vancouver, WA						Glassbel Baltic ; Klaipeda, Lithuania					
4031	COMPOSITE	1/8	3.0TTG (MC)		UA	6709	COMPOSITE	1/2	12.0TTG (MC)		UA
4032	COMPOSITE	5/32	4.0TTG (MC)		UA	8049	COMPOSITE	(H)	8-16+LTG (b)(A)	(.030)	UA
4033	COMPOSITE	3/16	5.0TTG (MC)		UA	7524	COMPOSITE	(H)	8-16+LTG (ip)(A)	(.035)	UA
4034	COMPOSITE	1/4	6.0TTG (MC)		UA	Glassbel Baltic ; Klaipeda, Lithuania					
8806	COMPOSITE	3/8	10.0TTG		UA	6706	COMPOSITE	1/4	6.0TTG (MC)		UA
5751	COMPOSITE	1/2	12.0TTG		UA	6707	COMPOSITE	5/16	8.0TTG (MC)		UA
5750	COMPOSITE	1/8	3.0TPG (s)		UA	6708	COMPOSITE	3/8	10.0TTG (MC)		UA
7478	COMPOSITE	3/16	5.0TPG (m)		UA	6709	COMPOSITE	1/2	12.0TTG (MC)		UA
General Glass ; Vancouver, WA						Glassbel Baltic ; Klaipeda, Lithuania					
4031	COMPOSITE	1/8	3.0TTG (MC)		UA	8049	COMPOSITE	(H)	8-16+LTG (b)(A)	(.030)	UA
4032	COMPOSITE	5/32	4.0TTG (MC)		UA	7524	COMPOSITE	(H)	8-16+LTG (ip)(A)	(.035)	UA
4033	COMPOSITE	3/16	5.0TTG (MC)		UA	Glassbel Baltic ; Klaipeda, Lithuania					
4034	COMPOSITE	1/4	6.0TTG (MC)		UA	6706	COMPOSITE	1/4	6.0TTG (MC)		UA
8806	COMPOSITE	3/8	10.0TTG		UA	6707	COMPOSITE	5/16	8.0TTG (MC)		UA
5751	COMPOSITE	1/2	12.0TTG		UA	6708	COMPOSITE	3/8	10.0TTG (MC)		UA
5750	COMPOSITE	1/8	3.0TPG (s)		UA	6709	COMPOSITE	1/2	12.0TTG (MC)		UA
7478	COMPOSITE	3/16	5.0TPG (m)		UA	8049	COMPOSITE	(H)	8-16+LTG (b)(A)	(.030)	UA
General Glass ; Vancouver, WA						Glassbel Baltic ; Klaipeda, Lithuania					
4031	COMPOSITE	1/8	3.0TTG (MC)		UA	7524	COMPOSITE	(H)	8-16+LTG (ip)(A)	(.035)	UA
4032	COMPOSITE	5/32	4.0TTG (MC)		UA	Glassbel Baltic ; Klaipeda, Lithuania					
4033	COMPOSITE	3/16	5.0TTG (MC)		UA	6706	COMPOSITE	1/4	6.0TTG (MC)		UA
4034	COMPOSITE	1/4	6.0TTG (MC)		UA	6707	COMPOSITE	5/16	8.0TTG (MC)		UA
8806	COMPOSITE	3/8	10.0TTG		UA	6708	COMPOSITE	3/8	10.0TTG (MC)		UA
5751	COMPOSITE	1/2	12.0TTG		UA	6709	COMPOSITE	1/2	12.0TTG (MC)		UA
5750	COMPOSITE	1/8	3.0TPG (s)		UA	8049	COMPOSITE	(H)	8-16+LTG (b)(A)	(.030)	UA
7478	COMPOSITE	3/16	5.0TPG (m)		UA	7524	COMPOSITE	(H)	8-16+LTG (ip)(A)	(.035)	UA

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SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI CLASS	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI CLASS
		(THICKNESS CLASS)						(THICKNESS CLASS)			
Glassecviracon ; Nazare Paulista, Sao Paulo						Glasswerks GWLA- East ; South Gate, CA					
7927	COMP+CAN	5/32	4.0TTG (MC)		UA	4804	COMPOSITE	1/8	3.0TTG (MC)		UA
6992	COMP+CAN	3/16	5.0TTG		UA	5882	COMPOSITE	5/32	4.0TTG		UA
6993	COMP+CAN	1/4	6.0TTG (MC)		UA	4805	COMPOSITE	3/16	5.0TTG (MC)		UA
6994	COMP+CAN	5/16	8.0TTG (MC)		UA	4806	COMPOSITE	1/4	6.0TTG (MC)		UA
6995	COMP+CAN	3/8	10.0TTG (MC)		UA	5883	COMPOSITE	3/8	10.0TTG (MC)		UA
6996	COMP+CAN	1/2	12.0TTG		UA	5884	COMPOSITE	1/2	12.0TTG		UA
6998	COMP+CAN	(H)	8,16+LTG (ip)(A)	(.035)	UA	6921	COMPOSITE	5/8	16.0TTG		UA
6997	COMP+CAN	(H)	8-16+LTG (b)(A)	(.030)	UA	5885	COMPOSITE	3/4	19.0TTG		UA
Glassfab Canada ; Aldergrove, British Columbia						Glasswerks GWT ; Temecula, CA					
8636	COMP+CAN	1/8	3.0TTG		UA	7074	COMPOSITE	(S)	6LTG (b)(A)	(.030)	UA
8637	COMP+CAN	5/32	4.0TTG		UA	6057	COMPOSITE	(H)	8-16+LTG (ip)(A)	(.035)	UA
8638	COMP+CAN	3/16	5.0TTG		UA	5886	COMPOSITE	(H)	8-16+LTG (b)(A)	(.030)	UA
8622	COMP+CAN	1/4	6.0TTG		UA	Glasswerks GWT ; Temecula, CA					
8623	COMP+CAN	3/8	10.0TTG		UA	6095	COMP+CAN	3/16	5.0TTG (MC)		UA
8639	COMP+CAN	1/2	12.0TTG		UA	6096	COMP+CAN	1/4	6.0TTG (MC)		UA
8640	COMP+CAN	1/8	3.0TPG (s)		UA	6097	COMP+CAN	3/8	10.0TTG		UA
8641	COMP+CAN	3/16	5.0TPG (s)		UA	6098	COMP+CAN	1/2	12.0TTG		UA
8642	COMP+CAN	1/4	6.0TPG (s)		UA	Glaz-Tech Industries, Inc. ; Boise, ID					
GlassFab Tempering Services Inc. Holly Drive ; Tracy, CA						Glaz-Tech Industries, Inc. ; Boise, ID					
6118	COMPOSITE	1/8	3.0TTG		UA	6607	COMPOSITE	1/8	3.0TTG (MC)		UA
5986	COMPOSITE	3/16	5.0TTG (MC)		UA	6608	COMPOSITE	3/16	5.0TTG (MC)		UA
7024	COMPOSITE	1/4	6.0TTG (MC)		UA	6609	COMPOSITE	1/4	6.0TTG (MC)		UA
5988	COMPOSITE	3/8	10.0TTG (MC)		UA	6610	COMPOSITE	3/8	10.0TTG		UA
5989	COMPOSITE	1/2	12.0TTG		UA	6611	COMPOSITE	1/2	12.0TTG		UA
5990	COMPOSITE	3/4	19.0TTG		UA	6713	COMPOSITE	3/16	5.0TPG (m)		UA
GlassFab Tempering Services, Inc. Mariani Ct. ; Tracy, CA						Glaz-Tech Industries, Inc. ; Englewood, CO					
7799	COMPOSITE	1/8	3.0TTG		UA	2185	COMPOSITE	1/8	3.0TTG (MC)		UA
4889	COMPOSITE	3/16	5.0TTG		UA	2186	COMPOSITE	3/16	5.0TTG (MC)		UA
4891	COMPOSITE	1/4	6.0TTG		UA	8505	COMP+CAN	1/4	6.0TTG (MC)		UA
7023	COMPOSITE	3/8	10.0TTG		UA	5143	COMPOSITE	3/8	10.0TTG		UA
4890	COMPOSITE	1/2	12.0TTG		UA	2189	COMPOSITE	1/2	12.0TTG		UA
4893	COMPOSITE	3/4	19.0TTG		UA	2193	COMPOSITE	3/16	5.0TPG (m)		UA
7796	COMPOSITE	1/8	3.0TPG (s)		UA	Glaz-Tech Industries, Inc. ; Phoenix, AZ					
5128	COMPOSITE	5/32	4.0TPG (d)		UA	6582	COMPOSITE	1/8	3.0TTG (MC)		UA
7797	COMPOSITE	3/16	5.0TPG (m)		UA	6583	COMPOSITE	3/16	5.0TTG (MC)		UA
7798	COMPOSITE	1/4	6.0TPG (s)		UA	6584	COMPOSITE	1/4	6.0TTG (MC)		UA
4897	COMPOSITE	3/8	10.0TPG (s)		UA	6585	COMPOSITE	3/8	10.0TTG		UA
Glasstech Industries B.S.C. ; Hidd, Manama						Glaz-Tech Industries, Inc. ; Phoenix, AZ					
7298	COMPOSITE	5/32	4.0TTG		UA	6586	COMPOSITE	1/2	12.0TTG		UA
7299	COMPOSITE	1/4	6.0TTG		UA	6588	COMPOSITE	3/8	10.0TPG (s)		UA
7300	COMPOSITE	5/16	8.0TTG		UA	Glaz-Tech Industries, Inc. ; Santa Teresa, NM					
7305	COMPOSITE	(H)	8,12-16+LTG (ip)(A)	(.035)	UA	6599	COMPOSITE	1/8	3.0TTG (MC)		UA
7306	COMPOSITE	(H)	8,12-16+LTG (b)(A)	(.015)	UA	6600	COMPOSITE	3/16	5.0TTG (MC)		UA
GlassTemp, Inc. ; Bellwood, IL						Glaz-Tech Industries, Inc. ; Santa Teresa, NM					
8320	COMPOSITE	1/8	3.0TTG (MC)		UA	6601	COMPOSITE	1/4	6.0TTG (MC)		UA
8151	COMPOSITE	3/16	5.0TTG (MC)		UA	6602	COMPOSITE	3/8	10.0TTG		UA
7695	COMPOSITE	1/4	6.0TTG (MC)		UA	6603	COMPOSITE	1/2	12.0TTG		UA
7696	COMPOSITE	3/8	10.0TTG		UA	6604	COMPOSITE	1/8	3.0TPG (s)		UA
7697	COMPOSITE	1/2	12.0TTG		UA	6605	COMPOSITE	3/16	5.0TPG (m)		UA
Glasswerks GWA- West ; South Gate CA						Glaz-Tech Industries, Inc. ; Santa Teresa, NM					
5480	COMPOSITE	5/32	4.0TTG		UA	6606	COMPOSITE	3/8	10.0TPG (s)		UA
5481	COMPOSITE	3/16	5.0TTG (MC)		UA						
5482	COMPOSITE	1/4	6.0TTG (MC)		UA						

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SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI CLASS	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI CLASS
Glaz-Tech Industries, Inc. ; Tucson, AZ						Guangdong Haikong Special Glass Technology Co., Ltd. ; Huizhou, Guangdong Province					
6574	COMPOSITE	1/8	3.0TTG (MC)		UA	7363	COMPOSITE	1/4	6.0TTG		UA
6575	COMPOSITE	3/16	5.0TTG (MC)		UA	7364	COMPOSITE	5/16	8.0TTG		UA
6576	COMPOSITE	1/4	6.0TTG (MC)		UA	7365	COMPOSITE	3/8	10.0TTG		UA
6577	COMPOSITE	3/8	10.0TTG		UA	7366	COMPOSITE	1/2	12.0TTG		UA
6578	COMPOSITE	1/2	12.0TTG		UA	7367	COMPOSITE	*	15.0TTG (4)		UA
6579	COMPOSITE	1/8	3.0TPG (s)		UA	7368	COMPOSITE	3/4	19.0TTG		UA
6580	COMPOSITE	3/16	5.0TPG (m)		UA	7404	COMP+CAN	(H)	12,16+LTG (ip)(A)	(.035)	UA
6581	COMPOSITE	3/8	10.0TPG (s)		UA	7369	COMP+CAN	(H)	12,16+LTG (b)(A)	(.060)	UA
Glenny Glass Co. ; Milford, OH						Guangdong Honghua Glass Technology Co., LTD. ; Foshan, Guangdong Province					
3841	COMPOSITE	1/8	3.0TTG		UA	8587	COMP+CAN	1/4	6.0TTG		UA
3843	COMPOSITE	3/16	5.0TTG		UA	8588	COMP+CAN	5/16	8.0TTG		UA
3844	COMPOSITE	1/4	6.0TTG		UA	8589	COMP+CAN	3/8	10.0TTG		UA
3845	COMPOSITE	3/8	10.0TTG		UA	Guangdong Rosery Bath Science and Technology Co.,Ltd. ; Jiangmen, Guangdong Province					
3846	COMPOSITE	1/2	12.0TTG		UA	8241	COMP+CAN	3/16	5.0TTG		UA
7937	COMPOSITE	(H)	8, 10LTG (ev)(HS)	(.060)	UA	8242	COMP+CAN	1/4	6.0TTG		UA
Global Security Glazing ; Selma, AL						8243	COMP+CAN	5/16	8.0TTG		UA
4764	COMP+CAN	1/8	3.0TTG		UA	8244	COMP+CAN	3/8	10.0TTG		UA
4765	COMP+CAN	3/16	5.0TTG		UA	8729	COMP+CAN	1/4	6.0TPG (s)		UA
4766	COMP+CAN	1/4	6.0TTG		UA	8730	COMP+CAN	5/16	8.0TPG (s)		UA
4767	COMP+CAN	3/8	10.0TTG		UA	8629	COMP+CAN	1/4	6.0TBG		UA
4768	COMP+CAN	1/2	12.0TTG		UA	8630	COMP+CAN	5/16	8.0TBG		UA
4769	COMP+CAN	(S)	6LTG (b)(A)(IN)	(.030)	UA	Guangdong South Star Glass Limited ; Foshan, Guangdong Province					
4770	COMP+CAN	(H)	12LTG (b)(A)	(.060)	UA	7974	COMPOSITE	5/16	8.0TTG		UA
GnT Glass Co., Ltd. ; Dongguan, Guangdong Province						7975	COMPOSITE	3/8	10.0TTG		UA
6540	COMP+CAN	1/4	6.0TTG		UA	7976	COMPOSITE	1/2	12.0TTG		UA
5788	COMP+CAN	5/16	8.0TTG		UA	7977	COMPOSITE	*	15.0TTG (4)		UA
5789	COMP+CAN	3/8	10.0TTG		UA	7978	COMPOSITE	3/4	19.0TTG		UA
5790	COMP+CAN	*	12.0TTG (4)		UA	7979	COMP+CAN	(H)	12, 16+LTG (b)(T)	(.030)	UA
7131	COMP+CAN	(H)	10LTG (ip)(A)	(.060)	UA	Guardian Fabrication - Hialeah Gardens ; Hialeah, FL					
5791	COMP+CAN	(H)	10-16+LTG (b)(A)	(.060)	UA	8397	COMPOSITE	3/16	5.0TTG		UA
Goldray Industries Ltd. ; Calgary, Alberta						8398	COMPOSITE	1/4	6.0TTG		UA
2445	COMP+CAN	5/32	4.0TTG		UA	8399	COMPOSITE	3/8	10.0TTG		UA
2446	COMP+CAN	3/16	5.0TTG		UA	8400	COMPOSITE	1/2	12.0TTG		UA
2447	COMP+CAN	1/4	6.0TTG		UA	8401	COMPOSITE	3/4	19.0TTG		UA
2448	COMP+CAN	3/8	10.0TTG		UA	8402	COMPOSITE	3/8	10.0TPG (s)		UA
2449	COMP+CAN	1/2	12.0TTG		UA	8558	COMPOSITE	(H)	8-12LTG (b)(A)	(.090)	UA
Griffin Glass & Metal Werks, Inc. ; Elmhurst, IL						8559	COMPOSITE	(H)	10,12LTG (ip)(A)	(.035)	UA
7146	COMP+CAN	3/16	5.0TTG		UA	8560	COMPOSITE	(H)	16+LTG (ip)(A)	(.060)	UA
7147	COMP+CAN	1/4	6.0TTG		UA	Guardian Fabrication, LLC ; Galax, VA					
7201	COMP+CAN	5/16	8.0TTG		UA	4604	COMP+CAN	1/8	3.0TTG (MC)		UA
7202	COMP+CAN	3/8	10.0TTG		UA	4605	COMP+CAN	5/32	4.0TTG (MC)		UA
7148	COMP+CAN	1/2	12.0TTG		UA	4606	COMP+CAN	3/16	5.0TTG (MC)		UA
7284	COMP+CAN	3/4	19.0TTG		UA	4607	COMP+CAN	1/4	6.0TTG (MC)		UA
Grupo Vidrios el Castillo ; Escobedo, Nuevo Leon						4609	COMP+CAN	3/8	10.0TTG		UA
5840	COMP+CAN	1/4	6.0TTG		UA	4610	COMP+CAN	1/2	12.0TTG		UA
5781	COMP+CAN	3/8	10.0TTG		UA	4612	COMP+CAN	1/8	3.0TPG (s)		UA
6058	COMP+CAN	(S)	6LTG (b)(A)	(.015)	UB	8012	COMP+CAN	5/32	4.0TPG (m)		UA
6083	COMP+CAN	(S)	6LTG (b)(A)	(.030)	UA	4613	COMP+CAN	3/16	5.0TPG (m)		UA
G-TECH Optoelectronics Corporation ; Tongluo Township, Miaoli County						8013	COMP+CAN	1/4	6.0TPG (m)		UA
7922	COMP+CAN	1/4	6.0TTG		UA	4627	COMP+CAN	3/8	10.0TPG (s)		UA
8052	COMP+CAN	5/16	8.0TTG		UA	4633	COMP+CAN	(S)	6LTG (b)(A)	(.030)	UA
7489	COMP+CAN	(H)	10-16+LSP (b)(A)	.030x2 ECx1	UA	4658	COMP+CAN	(H)	8LTG (b)(A)	(.030)	UA
7832	COMP+CAN	(H)	12-16+LSP (b)(A)	.030x3 ECx2	UA						

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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)			
Guardian Fabrication, LLC ; Galax, VA (1005 Meadow Street)						Guardian Glass, LLC ; Richburg, SC					
8001	COMP+CAN	1/8	3.0TTG (MC)	UA		1630	COMP+CAN	1/8	3.0TTG	UA	
8002	COMP+CAN	5/32	4.0TTG (MC)	UA		1631	COMP+CAN	5/32	4.0TTG	UA	
8003	COMP+CAN	3/16	5.0TTG	UA		1632	COMP+CAN	3/16	5.0TTG	UA	
8004	COMP+CAN	1/4	6.0TTG (MC)	UA		1633	COMP+CAN	1/4	6.0TTG	UA	
8091	COMP+CAN	5/16	8.0TTG	UA		2382	COMP+CAN	5/16	8.0TTG	UA	
8005	COMP+CAN	3/8	10.0TTG	UA		1634	COMP+CAN	3/8	10.0TTG	UA	
8006	COMP+CAN	1/2	12.0TTG	UA		1683	COMP+CAN	1/8	3.0TPG (m)	UA	
8007	COMP+CAN	1/8	3.0TPG (m)	UA		1635	COMP+CAN	5/32	4.0TPG (m)	UA	
8008	COMP+CAN	5/32	4.0TPG (m)	UA		1865	COMP+CAN	3/16	5.0TPG (m)	UA	
8009	COMP+CAN	3/16	5.0TPG (m)	UA		3002	COMP+CAN	1/4	6.0TPG (m)	UA	
8010	COMP+CAN	1/4	6.0TPG (m)	UA		3003	COMP+CAN	3/8	10.0TPG (m)	UA	
8011	COMP+CAN	3/8	10.0TPG (m)	UA		Gulf Glass Industries, LLC ; Sharjah, United Arab Emirates					
Guardian Glass, LLC ; Corsicana, TX						4796	COMPOSITE	1/4	6.0TTG (MC)	UA	
1248	COMP+CAN	1/8	3.0TTG	UA		6326	COMPOSITE	5/16	8.0TTG (MC)	UA	
1249	COMP+CAN	5/32	4.0TTG	UA		4797	COMPOSITE	3/8	10.0TTG (MC)	UA	
1250	COMP+CAN	3/16	5.0TTG	UA		4798	COMPOSITE	*	12.0TTG (7)(MC)	UA	
1251	COMP+CAN	1/4	6.0TTG	UA		4799	COMPOSITE	(H)	8LTG (b)(A)	(.030)	UA
1826	COMP+CAN	5/16	8.0TTG	UA		Hangzhou Blue-Sky Safety Glass Co., Ltd. ; Hangzhou, Zhejiang					
1253	COMP+CAN	3/8	10.0TTG	UA		8801	COMP+CAN	3/16	5.0TTG	UA	
1803	COMP+CAN	1/2	12.0TTG	UA		8802	COMP+CAN	1/4	6.0TTG	UA	
2458	COMP+CAN	1/8	3.0TPG (m)	UA		8803	COMP+CAN	5/16	8.0TTG	UA	
2459	COMP+CAN	5/32	4.0TPG (m)	UA		8804	COMP+CAN	3/8	10.0TTG	UA	
2460	COMP+CAN	3/16	5.0TPG (m)	UA		Haojing Holdings Group Limited ; Nantong, Haimen					
5142	COMP+CAN	1/4	6.0TPG (m)	UA		8702	COMP+CAN	1/8	3.0TTG	UA	
5133	COMP+CAN	3/8	10.0TPG (m)	UA		8703	COMP+CAN	1/4	6.0TTG	UA	
Guardian Glass, LLC ; DeWitt, IA						8704	COMP+CAN	5/16	8.0TTG	UA	
2020	COMP+CAN	1/8	3.0TTG	UA		8705	COMP+CAN	3/8	10.0TTG	UA	
2021	COMP+CAN	5/32	4.0TTG	UA		8706	COMP+CAN	1/2	12.0TTG	UA	
2022	COMP+CAN	3/16	5.0TTG	UA		8707	COMP+CAN	*	15.0TTG (4)	UA	
2023	COMP+CAN	1/4	6.0TTG	UA		8708	COMP+CAN	(H)	10,12LTG (b)(T)	(.060)	UA
2024	COMP+CAN	5/16	8.0TTG	UA		8709	COMP+CAN	(H)	10-16+LTG (ip)(T)	(.090)	UA
2545	COMP+CAN	3/8	10.0TTG	UA		Hartung Glass Industries ; Phoenix, AZ					
2649	COMP+CAN	1/2	12.0TTG	UA		6377	COMPOSITE	1/8	3.0TTG (MC)	UA	
Guardian Glass, LLC ; Geneva, NY						6378	COMPOSITE	5/32	4.0TTG (MC)	UA	
2259	COMP+CAN	1/8	3.0TTG	UA		6379	COMPOSITE	3/16	5.0TTG (MC)	UA	
2260	COMP+CAN	5/32	4.0TTG	UA		6380	COMPOSITE	1/4	6.0TTG (MC)	UA	
2261	COMP+CAN	3/16	5.0TTG	UA		7010	COMPOSITE	5/16	8.0TTG	UA	
2262	COMP+CAN	1/4	6.0TTG	UA		7011	COMPOSITE	3/8	10.0TTG	UA	
3672	COMP+CAN	5/16	8.0TTG	UA		7012	COMPOSITE	1/2	12.0TTG	UA	
2519	COMP+CAN	3/8	10.0TTG	UA		6381	COMPOSITE	1/8	3.0TPG (s)	UA	
3673	COMP+CAN	1/2	12.0TTG	UA		6382	COMPOSITE	3/16	5.0TPG (s)	UA	
Guardian Glass, LLC ; Kingsburg, CA						7994	COMPOSITE	3/8	10.0TPG (s)	UA	
968	COMP+CAN	1/8	3.0TTG	UA		HI Craftmanship Glass ; Honolulu, HI					
969	COMP+CAN	5/32	4.0TTG	UA		8554	COMP+CAN	(S)	6LTG (ev)(A)	(.015)	UB
970	COMP+CAN	3/16	5.0TTG	UA		8555	COMP+CAN	(H)	8-12LTG (ev)(A)	(.015)	UB
971	COMP+CAN	1/4	6.0TTG	UA		Illumimex S.A. DE C.V. ; Monterrey, Noevo Leon					
1303	COMP+CAN	1/8	3.0TPG (d)	UA		8701	COMP+CAN	(H)	8-16+LSP (b)(HS)	(.030X2)	UA
1301	COMP+CAN	5/32	4.0TPG (m)	UA		Imagic Glass Inc. ; Concord, Ontario					
1304	COMP+CAN	3/16	5.0TPG (m)	UA		8608	COMP+CAN	1/4	6.0TTG	UA	
1882	COMP+CAN	1/4	6.0TPG (m)	UA		8609	COMP+CAN	3/8	10.0TTG	UA	
						8610	COMP+CAN	1/2	12.0TTG	UA	
						8656	COMP+CAN	(H)	12LTG (ip)(A)	(.060)	UA
						7355	COMP+CAN	(H)	12LTG (b)(A)	(.060)	UA

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SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI CLASS	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI CLASS
		(THICKNESS CLASS)						(THICKNESS CLASS)			
Industrial Tempering Glass ; Brooklyn, NY						Intigral ; Quakertown, PA					
6985	COMPOSITE	1/4	6.0TTG	UA		8200	COMP+CAN	1/8	3.0TTG (MC)	UA	
3418	COMPOSITE	3/8	10.0TTG	UA		8201	COMP+CAN	5/32	4.0TTG (MC)	UA	
3419	COMPOSITE	1/2	12.0TTG	UA		8202	COMP+CAN	3/16	5.0TTG (MC)	UA	
8294	COMPOSITE	5/8	16.0TTG	UA		8199	COMP+CAN	1/8	3.0TPG (m)	UA	
4240	COMPOSITE	3/4	19.0TTG	UA		Intigral ; Walton Hills, OH					
Industries Vanier Inc. ; Anjou, Quebec						2050	COMP+CAN	1/8	3.0TTG (MC)	UA	
6952	COMP+CAN	1/8	3.0TTG	UA		2051	COMP+CAN	5/32	4.0TTG (MC)	UA	
6953	COMP+CAN	5/32	4.0TTG	UA		2052	COMP+CAN	3/16	5.0TTG (MC)	UA	
6954	COMP+CAN	3/16	5.0TTG	UA		2055	COMP+CAN	1/4	6.0TTG	UA	
6955	COMP+CAN	1/4	6.0TTG	UA		3631	COMP+CAN	1/8	3.0TPG (m)	UA	
6956	COMP+CAN	5/16	8.0TTG	UA		4588	COMP+CAN	5/32	4.0TPG (m)	UA	
6957	COMP+CAN	3/8	10.0TTG	UA		8048	COMP+CAN	3/16	5.0TPG (m)	UA	
6958	COMP+CAN	1/2	12.0TTG	UA		Isam M. Khairi Kabbani Glass Works LLC ; Jeddah, Mecca					
Inkan Ltd ; Brampton, Ontario						8800	COMPOSITE	1/4	6.0TTG	UA	
5135	COMP+CAN	1/4	6.0TTG	UA		8799	COMPOSITE	(H)	8LTG (b)(A)	(.045)	UA
5136	COMP+CAN	5/16	8.0TTG	UA		Isoclima Specialty Glass, LLC ; Blairsville, PA					
5137	COMP+CAN	3/8	10.0TTG	UA		3018	COMPOSITE	1/2	12.0TTG	UA	
5138	COMP+CAN	1/2	12.0TTG	UA		7016	COMPOSITE	(H)	12LTG (ip)(A)	(.070)	UA
5139	COMP+CAN	5/8	16.0TTG	UA		6234	COMPOSITE	(H)	12LTG (b)(A)	(.060)	UA
5140	COMP+CAN	3/4	19.0TTG	UA		ITI Glass Company ; Bel Aire, KS					
Innovative Glass Products LLC ; Carrollton, TX						8776	COMP+CAN	1/8	3.0TTG	UA	
7062	COMPOSITE	1/8	3.0TTG (MC)	UA		8756	COMP+CAN	S	6.0TTG (b)(A)	(.030)	UA
7063	COMPOSITE	5/32	4.0TTG	UA		8777	COMP+CAN	1/4	6.0TTG (MC)	UA	
7064	COMPOSITE	3/16	5.0TTG (MC)	UA		8778	COMP+CAN	3/8	10.0TTG	UA	
7065	COMPOSITE	1/4	6.0TTG	UA		8718	COMP+CAN	1/2	12.0TTG	UA	
Insulite Glass Co., Inc. ; Olathe, KS						8719	COMP+CAN	(H)	8-16+LTG (b)(A)	(.030)	UA
4473	COMPOSITE	1/8	3.0TTG (MC)	UA		8720	COMP+CAN	(H)	10LTG (ip)(A)	(.035)	UA
4474	COMPOSITE	5/32	4.0TTG	UA		8721	COMP+CAN	(H)	12LTG (ip)(A)	(.060)	UA
3714	COMPOSITE	3/16	5.0TTG (MC)	UA		J&Y Glass Services ; Naples, FL					
3715	COMPOSITE	1/4	6.0TTG (MC)	UA		8077	COMPOSITE	1/4	6.0TTG	UA	
3716	COMPOSITE	3/8	10.0TTG	UA		8078	COMPOSITE	3/8	10.0TTG	UA	
3717	COMPOSITE	1/2	12.0TTG	UA		8079	COMPOSITE	1/2	12.0TTG	UA	
3718	COMPOSITE	(S)	6LTG (b)(A)	(.030)	UA	J.C. Moag Corporation ; Georgetown, IN					
3720	COMPOSITE	(H)	8LTG (b)(A)	(.060)	UA	8238	COMPOSITE	(H)	10-16+LTG (ev)(A)	(.060)	UA
5513	COMPOSITE	(H)	10-12LTG (b)(A)	(.030)	UA	8313	COMPOSITE	(H)	12-16+LTG (ip)(A)	(.060)	UA
Integral Seal Mfg. Inc. ; Concord, Ontario						JAR Tempering Inc. ; Hialeah, FL					
4682	COMP+CAN	5/32	4.0TTG	UA		8512	COMPOSITE	3/16	5.0TTG	UA	
4683	COMP+CAN	3/16	5.0TTG	UA		8513	COMPOSITE	1/4	6.0TTG	UA	
4684	COMP+CAN	1/4	6.0TTG (MC)	UA		8514	COMPOSITE	3/8	10.0TTG	UA	
7245	COMP+CAN	(H)	10-12LTG (ev)(A)	(.060)	UA	8515	COMPOSITE	1/2	12.0TTG	UA	
Integrity Glass Tempering, LLC. ; Venice , FL						Jiangmen Jianghai Jin Ying Tempered Glass Ltd. ; Jiangmen, Guangdong Province					
6666	COMPOSITE	3/16	5.0TTG	UA		7574	COMP+CAN	3/16	5.0TTG	UA	
6635	COMPOSITE	1/4	6.0TTG	UA		7575	COMP+CAN	1/4	6.0TTG	UA	
6636	COMPOSITE	3/8	10.0TTG	UA		7576	COMP+CAN	5/16	8.0TTG	UA	
6637	COMPOSITE	1/2	12.0TTG	UA		7577	COMP+CAN	3/8	10.0TTG	UA	
7097	COMPOSITE	3/16	5.0TPG (m)	UA		7578	COMP+CAN	*	12.0TTG (4)	UA	
Inter Fonction Ltee ; Sherbrooke, Quebec											
8470	COMP+CAN	5/32	4.0TTG	UA							
8471	COMP+CAN	1/4	6.0TTG	UA							
8489	COMP+CAN	5/16	8.0TTG	UA							
7235	COMP+CAN	3/8	10.0TTG	UA							
8089	COMP+CAN	1/2	12.0TTG	UA							

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SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI CLASS	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI CLASS
		(THICKNESS CLASS)						(THICKNESS CLASS)			
La Tecnica Nel Vetro SpA ; Scafati, Salerno						Louisville Plate Glass ; Louisville, KY					
7174	COMP+CAN	3/16	5.0TTG		UA	6070	COMPOSITE	1/8	3.0TTG (MC)		UA
7168	COMP+CAN	1/4	6.0TTG		UA	6072	COMPOSITE	3/16	5.0TTG (MC)		UA
7167	COMP+CAN	5/16	8.0TTG		UA	6073	COMPOSITE	1/4	6.0TTG (MC)		UA
7166	COMP+CAN	3/8	10.0TTG		UA	6074	COMPOSITE	3/8	10.0TTG		UA
7165	COMP+CAN	1/2	12.0TTG		UA	6075	COMPOSITE	1/2	12.0TTG		UA
7169	COMP+CAN	(H)	8-12LTG (b)(A)	(.015)	UA	LTI Smart Glass, Inc. ; Pittsfield, MA					
8317	COMP+CAN	(H)	16+LTG (b)(A)	(.030)	UA	7079	COMP+CAN	1/8	3.0TTG		UA
8486	COMP+CAN	(H)	16+LTG (ip)(A)	(.035)	UA	6922	COMP+CAN	3/16	5.0TTG (MC)		UA
Laurier Architectural inc. ; Montreal, Quebec						6923	COMP+CAN	1/4	6.0TTG (MC)		UA
6217	COMP+CAN	1/8	3.0TTG (MC)		UA	6924	COMP+CAN	5/16	8.0TTG		UA
6218	COMP+CAN	5/32	4.0TTG (MC)		UA	6925	COMP+CAN	3/8	10.0TTG		UA
6219	COMP+CAN	3/16	5.0TTG (MC)		UA	6926	COMP+CAN	1/2	12.0TTG		UA
6220	COMP+CAN	1/4	6.0TTG (MC)		UA	7286	COMP+CAN	(H)	10-16+LTG (b)(A)	(.030)	UA
Laurier Architectural, Inc. ; Laurier-Station, Quebec						Luoyang LandGlass Technology Co., LTD ; Luoyang, Henan					
8121	COMP+CAN	5/32	4.0TTG (MC)		UA	7622	COMPOSITE	5/16	8.0VIGT (MC)		UA
8122	COMP+CAN	3/16	5.0TTG		UA	6476	COMPOSITE	3/8	10.0VIGT (MC)		UA
8123	COMP+CAN	1/4	6.0TTG (MC)		UA	M Industria S.A. DE C.V. ; Conkal, Yucatan					
8124	COMP+CAN	3/8	10.0TTG		UA	7708	COMP+CAN	1/8	3.0TTG (MC)		UA
8125	COMP+CAN	1/2	12.0TTG		UA	7709	COMP+CAN	5/32	4.0TTG (MC)		UA
8126	COMP+CAN	(H)	8-12LTG (b)(A)	(.030)	UA	7682	COMP+CAN	3/16	5.0TTG (MC)		UA
Legacy Glass and Mirror, LLC. ; Irving, TX						7683	COMP+CAN	1/4	6.0TTG (MC)		UA
8053	COMPOSITE	3/16	5.0TTG		UA	7684	COMP+CAN	5/16	8.0TTG (MC)		UA
7600	COMPOSITE	1/4	6.0TTG		UA	7685	COMP+CAN	3/8	10.0TTG (MC)		UA
7601	COMPOSITE	3/8	10.0TTG		UA	7686	COMP+CAN	1/2	12.0TTG		UA
7602	COMPOSITE	1/2	12.0TTG		UA	7687	COMP+CAN	3/4	19.0TTG		UA
Les Verres VMIK Inc. ; Gatineau, Quebec						8054	COMP+CAN	1/4	6.0TBG (MC)		UA
6893	COMP+CAN	5/32	4.0TTG		UA	8055	COMP+CAN	3/8	10.0TBG (MC)		UA
6894	COMP+CAN	3/16	5.0TTG		UA	8056	COMP+CAN	1/2	12.0TBG		UA
6895	COMP+CAN	1/4	6.0TTG		UA	7688	COMP+CAN	(S)	6LTG (ip)(A)	(.035)	UA
6896	COMP+CAN	3/8	10.0TTG		UA	7690	COMP+CAN	(S)	6LTG (b)(A)	(.030)	UA
6897	COMP+CAN	1/2	12.0TTG		UA	7691	COMP+CAN	(H)	8-16+LTG (b)(A)	(.030)	UA
Lien Yeu GLASSTECH (M) SDN BHD ; Muar, Johor						7689	COMP+CAN	(H)	8-16+LTG (ip)(A)	(.035)	UA
7358	COMPOSITE	5/32	4.0TTG (IN)		UA	M&M Tempering Inc. ; Loganville, GA					
7359	COMPOSITE	3/16	5.0TTG (IN)		UA	4280	COMPOSITE	1/4	6.0TTG		UA
7360	COMPOSITE	1/4	6.0TTG (IN)		UA	4281	COMPOSITE	3/8	10.0TTG		UA
7361	COMPOSITE	5/16	8.0TTG (IN)		UA	4282	COMPOSITE	1/2	12.0TTG		UA
7362	COMPOSITE	3/8	10.0TTG (IN)		UA	M3 Glass Technologies ; Irving, TX					
8038	COMPOSITE	*	12.0TTG (3)(IN)		UA	5946	COMPOSITE	3/8	10.0TTG		UA
Lippert Components ; Bristol, IN						5947	COMPOSITE	1/2	12.0TTG		UA
8061	COMP+CAN	1/8	3.0TTG (MC)		UA	Majestic Glass Inc. ; Hialeah, FL					
8062	COMP+CAN	1/4	6.0TTG		UA	8582	COMPOSITE	1/4	6.0TTG		UA
LongDing Glass Production Co., Ltd. ; Dongguan, Guangdong Province						8583	COMPOSITE	3/8	10.0TTG		UA
8619	COMPOSITE	*	3.0TTG (3)		UA	8584	COMPOSITE	1/2	12.0TTG		UA
8175	COMPOSITE	3/16	5.0TTG		UA	Manko Window Systems ; Aurora, CO					
8176	COMPOSITE	1/4	6.0TTG		UA	6275	COMPOSITE	1/8	3.0TTG (MC)		UA
8177	COMPOSITE	5/16	8.0TTG		UA	6276	COMPOSITE	5/32	4.0TTG		UA
8178	COMPOSITE	3/8	10.0TTG		UA	6277	COMPOSITE	3/16	5.0TTG (MC)		UA
8333	COMPOSITE	3/8	10.0TPG (m)		UA	6278	COMPOSITE	1/4	6.0TTG (MC)		UA
						6279	COMPOSITE	3/8	10.0TTG		UA
						6280	COMPOSITE	1/2	12.0TTG		UA

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SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI CLASS	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI CLASS
		(THICKNESS CLASS)						(THICKNESS CLASS)			
Manko Window Systems- KS ; Manhattan, KS						Mercer Glass Fab LLC ; Trenton, NJ					
6826	COMPOSITE	5/32	4.0TTG		UA	7671	COMPOSITE	1/4	6.0TTG		UA
6827	COMPOSITE	3/16	5.0TTG (MC)		UA	4530	COMPOSITE	5/16	8.0TTG		UA
6828	COMPOSITE	1/4	6.0TTG (MC)		UA	4255	COMPOSITE	3/8	10.0TTG		UA
6829	COMPOSITE	3/8	10.0TTG		UA	4256	COMPOSITE	1/2	12.0TTG		UA
6830	COMPOSITE	1/2	12.0TTG		UA	4257	COMPOSITE	1/4	6.0TPG (m)		UA
6833	COMPOSITE	1/8	3.0TPG (s)		UA	4258	COMPOSITE	3/8	10.0TPG (m)		UA
6834	COMPOSITE	3/16	5.0TPG (m)		UA	Mid-American Glass ; Davenport, IA					
6835	COMPOSITE	1/4	6.0TPG (m)		UA	7227	COMPOSITE	1/8	3.0TTG (MC)		UA
6836	COMPOSITE	3/8	10.0TPG (m)		UA	7228	COMPOSITE	5/32	4.0TTG		UA
Manko Windows ; Des Moines, IA						7229	COMPOSITE	3/16	5.0TTG (MC)		UA
6286	COMPOSITE	1/8	3.0TTG (MC)		UA	7230	COMPOSITE	1/4	6.0TTG (MC)		UA
6287	COMPOSITE	5/32	4.0TTG		UA	7231	COMPOSITE	3/8	10.0TTG		UA
6288	COMPOSITE	3/16	5.0TTG		UA	7232	COMPOSITE	1/2	12.0TTG		UA
6289	COMPOSITE	1/4	6.0TTG		UA	Midwest Glass Fabricators Inc. ; Highland, MI					
6290	COMPOSITE	3/8	10.0TTG		UA	6027	COMP+CAN	1/8	3.0TTG (MC)		UA
6291	COMPOSITE	1/2	12.0TTG		UA	6028	COMP+CAN	5/32	4.0TTG		UA
6292	COMPOSITE	1/8	3.0TPG (m)		UA	6029	COMP+CAN	3/16	5.0TTG (MC)		UA
6293	COMPOSITE	5/32	4.0TPG (m)		UA	6030	COMP+CAN	1/4	6.0TTG (MC)		UA
6294	COMPOSITE	3/16	5.0TPG (d)		UA	6031	COMP+CAN	3/8	10.0TTG		UA
6295	COMPOSITE	1/4	6.0TPG (m)		UA	6032	COMP+CAN	1/2	12.0TTG		UA
6296	COMPOSITE	3/8	10.0TPG (m)		UA	6033	COMP+CAN	5/8	16.0TTG		UA
Maryland Glass & Mirror ; Baltimore, MD						6034	COMP+CAN	3/4	19.0TTG		UA
4318	COMPOSITE	1/8	3.0TTG (MC)		UA	7920	COMP+CAN	3/16	5.0TPG (m)		UA
4319	COMPOSITE	3/16	5.0TTG (MC)		UA	7921	COMP+CAN	1/4	6.0TPG (s)		UA
4320	COMPOSITE	1/4	6.0TTG (MC)		UA	6037	COMP+CAN	3/8	10.0TPG (m)		UA
8066	COMPOSITE	5/16	8.0TTG		UA	8527	COMP+CAN	(H)	10LTG (b)(A)	(.030)	UA
4321	COMPOSITE	3/8	10.0TTG		UA	Mirror Works Inc. ; Ottawa, Ontario					
4322	COMPOSITE	1/2	12.0TTG		UA	8164	COMP+CAN	5/32	4.0TTG		UA
7022	COMPOSITE	3/4	19.0TTG		UA	8165	COMP+CAN	3/16	5.0TTG		UA
Maxividrio S.De R. L. de C.V. ; Cancun, Quintana Roo						8166	COMP+CAN	1/4	6.0TTG		UA
8774	COMP+CAN	1/4	6.0TTG		UA	8167	COMP+CAN	3/8	10.0TTG		UA
8775	COMP+CAN	3/8	10.0TTG		UA	8168	COMP+CAN	1/2	12.0TTG		UA
8293	COMP+CAN	(H)	12LTG (b)(HS)	(.090)	UA	Mr. Glass Tempering, LLC ; Brooklyn, NY					
8686	COMP+CAN	(H)	12LTG (ip)(A)	(.090)	UA	7170	COMP+CAN	3/16	5.0TTG (MC)		UA
McGrory Glass ; Paulsboro, NJ						7171	COMP+CAN	1/4	6.0TTG (MC)		UA
4925	COMPOSITE	3/16	5.0TTG		UA	7172	COMP+CAN	3/8	10.0TTG		UA
4813	COMPOSITE	1/4	6.0TTG		UA	7173	COMP+CAN	1/2	12.0TTG		UA
4814	COMPOSITE	3/8	10.0TTG		UA	Multiver ; Vanier, Quebec					
4815	COMPOSITE	1/2	12.0TTG		UA	2498	COMP+CAN	1/8	3.0TTG (MC)		UA
4816	COMPOSITE	5/8	16.0TTG		UA	2629	COMP+CAN	5/32	4.0TTG (MC)		UA
4817	COMPOSITE	3/4	19.0TTG		UA	6890	COMP+CAN	3/16	5.0TTG		UA
4818	COMPOSITE	1/4	6.0TPG (m)		UA	2499	COMP+CAN	1/4	6.0TTG (MC)		UA
4819	COMPOSITE	3/8	10.0TPG (s)		UA	5226	COMP+CAN	5/16	8.0TTG (MC)		UA
4820	COMPOSITE	1/2	12.0TPG (s)(IN)		UA	5227	COMP+CAN	3/8	10.0TTG (MC)		UA
7287	COMPOSITE	(S)	6LTG (b)(A)	(.030)	UA	5228	COMP+CAN	1/2	12.0TTG		UA
5263	COMPOSITE	(H)	8-12LTG (b)(A)	(.030)	UA	Multiver Ltee ; Saint-Leonard, Quebec					
Megaluminio Servicios S. A. de C.V. DBA Megaglass ; Atlacomulco, State of Mexico						8547	COMP+CAN	5/32	4.0TTG		UA
8264	COMP+CAN	1/4	6.0TTG		UA	6978	COMP+CAN	3/16	5.0TTG		UA
8265	COMP+CAN	3/8	10.0TTG (MC)		UA	8548	COMP+CAN	1/4	6.0TTG		UA
8354	COMP+CAN	(H)	12-16+LTG (b)(A)	(.015)	UA	6980	COMP+CAN	3/8	10.0TTG		UA
						7546	COMP+CAN	(S)	6LTG (b)(A)	(.015)	UA
						7548	COMP+CAN	(H)	8-16+LTG (ip)(A)	(.035)	UA
						7547	COMP+CAN	(H)	10-16+LTG (b)(A)	(.015)	UA

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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
Nashville Tempered Glass Corp. ; Nashville, TN							Niskayuna Glass ; Schenectady, NY						
1416	COMP+CAN	1/8		3.0TTG (MC)		UA	7471	COMP+CAN	1/8		3.0TTG (MC)		UA
2497	COMP+CAN	5/32		4.0TTG		UA	7472	COMP+CAN	3/16		5.0TTG (MC)		UA
1467	COMP+CAN	3/16		5.0TTG (MC)		UA	7473	COMP+CAN	1/4		6.0TTG (MC)		UA
1417	COMP+CAN	1/4		6.0TTG		UA	Nissink Business Glass BV ; IJsselmuider, Overijssel						
5729	COMP+CAN	5/16		8.0TTG		UA	8415	COMP+CAN	5/16		8.0TTG		UA
2494	COMP+CAN	3/8		10.0TTG		UA	8416	COMP+CAN	3/8		10.0TTG		UA
Nashville Tempered Glass LLC ; Hendersonville, TN							8414	COMP+CAN	1/4		6.0TBG		UA
2691	COMP+CAN	5/32		4.0TTG		UA	NOLA Showers, L.L.C. ; New Orleans, LA						
2692	COMP+CAN	3/16		5.0TTG (MC)		UA	8487	COMPOSITE	3/8		10.0TTG		UA
2693	COMP+CAN	1/4		6.0TTG (MC)		UA	8488	COMPOSITE	1/2		12.0TTG		UA
7980	COMP+CAN	5/16		8.0TTG		UA	Norfinch Glass & Mirror Mfg. Ltd. ; Etobicoke, Ontario						
2694	COMP+CAN	3/8		10.0TTG (MC)		UA	8252	COMP+CAN	1/4		6.0TTG		UA
4148	COMP+CAN	1/2		12.0TTG		UA	8253	COMP+CAN	3/8		10.0TTG		UA
5454	COMP+CAN	3/4		19.0TTG		UA	8254	COMP+CAN	1/2		12.0TTG		UA
8413	COMP+CAN	(S)		6LTG (ip)(A)	(.035)	UA	Northeast Building Products ; Philadelphia, PA						
5229	COMP+CAN	(S)		5-6LTG (b)(A)	(.015)	UB	7281	COMPOSITE	1/8		3.0TTG (MC)		UA
5230	COMP+CAN	(H)		8-16+LTG (b)(A)	(.015)	UA	7282	COMPOSITE	5/32		4.0TTG (IN)		UA
5231	COMP+CAN	(H)		8-16+LTG (ip)(A)	(.035)	UA	7283	COMPOSITE	3/16		5.0TTG (MC)		UA
New Angle Beveling ; Clearfield, PA							8084	COMPOSITE	1/8		3.0TPG (s)		UA
5772	COMPOSITE	1/8		3.0TTG (MC)		UA	Northwestern Glass Fab ; Fridley, MN						
5774	COMPOSITE	3/16		5.0TTG (MC)		UA	6733	COMP+CAN	1/8		3.0TTG (MC)		UA
5773	COMPOSITE	1/4		6.0TTG (MC)		UA	6734	COMP+CAN	3/16		5.0TTG (MC)		UA
5775	COMPOSITE	3/8		10.0TTG		UA	6735	COMP+CAN	1/4		6.0TTG (MC)		UA
5776	COMPOSITE	1/2		12.0TTG		UA	6736	COMP+CAN	3/8		10.0TTG		UA
New Angle Beveling ; Hyde, PA							6737	COMP+CAN	1/2		12.0TTG		UA
4593	COMPOSITE	1/8		3.0TTG		UA	Northwestern Industries - Arizona, Inc. ; Yuma, AZ						
4594	COMPOSITE	3/16		5.0TTG		UA	6566	COMPOSITE	3/16		5.0TTG (MC)		UA
4595	COMPOSITE	1/4		6.0TTG		UA	6567	COMPOSITE	1/4		6.0TTG (MC)		UA
4591	COMPOSITE	3/8		10.0TTG		UA	6568	COMPOSITE	5/16		8.0TTG (MC)		UA
4592	COMPOSITE	1/2		12.0TTG		UA	6569	COMPOSITE	3/8		10.0TTG		UA
New Century Glass & Aluminum LLC ; Woodside, NY							8750	COMPOSITE	(S)		LTG (b)(A)	(.030)	UA
5455	COMPOSITE	3/16		5.0TTG		UA	8752	COMPOSITE	(H)		8-16+LTG (ip)(A)	(.035)	UA
5456	COMPOSITE	1/4		6.0TTG		UA	8751	COMPOSITE	(H)		8-16+LTG (b)(A)	(.030)	UA
5457	COMPOSITE	3/8		10.0TTG		UA	Novatech Canada Inc. ; St-Agapit, Quebec						
5458	COMPOSITE	1/2		12.0TTG		UA	7006	COMP+CAN	1/8		3.0TTG (MC)		UA
Ningbo Runner Industrial Corporation ; Ningbo, Zhejiang							7007	COMP+CAN	5/32		4.0TTG (MC)		UA
8591	COMP+CAN	5/32		4.0TTG		UA	7008	COMP+CAN	3/16		5.0TTG (MC)		UA
8592	COMP+CAN	3/16		5.0TTG		UA	8478	COMP+CAN	1/4		6.0TTG		UA
8593	COMP+CAN	1/4		6.0TTG		UA	Novavetro S.r.l. ; San Severino Marche, Province of Macerata						
8594	COMP+CAN	5/16		8.0TTG		UA	7768	COMP+CAN	3/16		5.0TTG		UA
8595	COMP+CAN	3/8		10.0TTG		UA	7769	COMP+CAN	1/4		6.0TTG (MC)		UA
8596	COMP+CAN	1/2		12.0TTG		UA	7770	COMP+CAN	5/16		8.0TTG		UA
8597	COMP+CAN	7/32		6.0TPG (s)		UA	7771	COMP+CAN	3/8		10.0TTG		UA
8598	COMP+CAN	3/8		10.0TPG (s)		UA	7772	COMP+CAN	1/2		12.0TTG		UA
Ningbo Xinxin Glass Technology Co., Ltd ; Ningbo, Zhejiang							7773	COMP+CAN	*		15.0TTG (4)		UA
6271	COMPOSITE	5/32		4.0TTG		UA	7774	COMP+CAN	(S)		6LTG (b)(A)	(.015)	UA
6272	COMPOSITE	1/4		6.0TTG		UA	7775	COMP+CAN	(H)		8-12LTG (b)(A)	(.015)	UA
7873	COMPOSITE	3/8		10.0TTG (MC)		UA	8365	COMP+CAN	(H)		12, 16+LTG (ip)(A)	(.035)	UA
6273	COMPOSITE	5/32		4.0TPG (m)		UA	7776	COMP+CAN	(H)		16+LTG (b)(A)	(.030)	UA
6274	COMPOSITE	1/4		6.0TPG (s)		UA							
6845	COMPOSITE	3/8		10.0TPG (s)		UA							

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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)			
NY Tempering LLC ; Maspeth, NY						Oldcastle BuildingEnvelope® ; Covington, GA					
4900	COMPOSITE	3/16	5.0TTG (MC)	UA		3331	COMP+CAN	3/16	5.0TTG (MC)	UA	
4901	COMPOSITE	1/4	6.0TTG	UA		3332	COMP+CAN	1/4	6.0TTG (MC)	UA	
4902	COMPOSITE	3/8	10.0TTG	UA		8407	COMP+CAN	5/16	8.0TTG	UA	
4903	COMPOSITE	1/2	12.0TTG	UA		3333	COMP+CAN	3/8	10.0TTG (MC)	UA	
Oldcastle BuildingEnvelope® ; Albertville, MN						Oldcastle BuildingEnvelope® ; Denver, CO					
3104	COMP+CAN	1/8	3.0TTG (MC)	UA		3334	COMP+CAN	1/2	12.0TTG	UA	
3105	COMP+CAN	5/32	4.0TTG (MC)	UA		4390	COMP+CAN	5/8	16.0TTG (MC)	UA	
3106	COMP+CAN	3/16	5.0TTG (MC)	UA		3335	COMP+CAN	3/4	19.0TTG	UA	
3107	COMP+CAN	1/4	6.0TTG (MC)	UA		6697	COMP+CAN	(S)	6LTG (b)(A)	(.030)	UA
4882	COMP+CAN	5/16	8.0TTG (MC)	UA		4392	COMP+CAN	(H)	10-16+LTG (b)(A)	(.030)	UA
3108	COMP+CAN	3/8	10.0TTG (MC)	UA		4393	COMP+CAN	(H)	10-12LTG (ip)(A)	(.035)	UA
3109	COMP+CAN	1/2	12.0TTG	UA		Oldcastle BuildingEnvelope® ; Denver, CO					
3110	COMP+CAN	5/8	16.0TTG	UA		3310	COMP+CAN	1/8	3.0TTG (MC)	UA	
3111	COMP+CAN	3/4	19.0TTG	UA		3311	COMP+CAN	5/32	4.0TTG	UA	
3127	COMP+CAN	3/8	10.0TPG (m)	UA		3312	COMP+CAN	3/16	5.0TTG	UA	
8081	COMPOSITE	(S)	6LTG (A)(b)	(.030)	UA	3313	COMP+CAN	1/4	6.0TTG (MC)	UA	
8082	COMPOSITE	(H)	8-16+LTG (b)(A)	(.030)	UA	3314	COMP+CAN	3/8	10.0TTG	UA	
8083	COMPOSITE	(H)	8-16+LTG (ip)(A)	(.060)	UA	3315	COMP+CAN	1/2	12.0TTG	UA	
Oldcastle BuildingEnvelope® ; Battle Ground, WA						Oldcastle BuildingEnvelope® ; Fremont, CA					
3219	COMP+CAN	1/8	3.0TTG (MC)	UA		3317	COMP+CAN	1/8	3.0TPG (s)	UA	
3220	COMP+CAN	5/32	4.0TTG (MC)	UA		3318	COMP+CAN	5/32	4.0TPG (d)	UA	
3221	COMP+CAN	3/16	5.0TTG (MC)	UA		3319	COMP+CAN	3/16	5.0TPG (m)	UA	
3222	COMP+CAN	1/4	6.0TTG (MC)	UA		3321	COMP+CAN	3/8	10.0TPG (m)	UA	
3223	COMP+CAN	5/16	8.0TTG	UA		4533	COMP+CAN	(S)	6LTG (b)(A)	(.030)	UA
3224	COMP+CAN	3/8	10.0TTG	UA		4454	COMP+CAN	(H)	8-16+LTG (b)(A)	(.030)	UA
3225	COMP+CAN	1/2	12.0TTG	UA		6056	COMP+CAN	(H)	12-16+LTG (ip)(A)	(.060)	UA
3226	COMP+CAN	1/8	3.0TPG (s)	UA		Oldcastle BuildingEnvelope® ; Fremont, CA					
7424	COMP+CAN	5/32	4.0TPG (s)	UA		3191	COMP+CAN	1/8	3.0TTG (MC)	UA	
3228	COMP+CAN	3/16	5.0TPG (m)	UA		3192	COMP+CAN	5/32	4.0TTG	UA	
3229	COMP+CAN	1/4	6.0TPG (m)	UA		3193	COMP+CAN	3/16	5.0TTG (MC)	UA	
3230	COMP+CAN	3/8	10.0TPG (m)	UA		3194	COMP+CAN	1/4	6.0TTG (MC)	UA	
Oldcastle BuildingEnvelope® ; Calgary, Alberta						Oldcastle BuildingEnvelope® ; Grand Prairie, TX					
3263	COMP+CAN	1/8	3.0TTG (MC)	UA		5387	COMP+CAN	5/16	8.0TTG	UA	
3264	COMP+CAN	5/32	4.0TTG (MC)	UA		3195	COMP+CAN	3/8	10.0TTG	UA	
3265	COMP+CAN	3/16	5.0TTG (MC)	UA		3196	COMP+CAN	1/2	12.0TTG	UA	
3266	COMP+CAN	1/4	6.0TTG (MC)	UA		4458	COMP+CAN	5/8	16.0TTG	UA	
3267	COMP+CAN	5/16	8.0TTG	UA		3197	COMP+CAN	3/4	19.0TTG	UA	
3268	COMP+CAN	3/8	10.0TTG	UA		3199	COMP+CAN	1/8	3.0TPG (s)	UA	
3269	COMP+CAN	1/2	12.0TTG	UA		3200	COMP+CAN	5/32	4.0TPG (d)	UA	
3270	COMP+CAN	5/8	16.0TTG	UA		3201	COMP+CAN	3/16	5.0TPG (m)	UA	
3271	COMP+CAN	3/4	19.0TTG	UA		3907	COMP+CAN	1/4	6.0TPG (m)	UA	
3273	COMP+CAN	5/32	4.0TPG (d)	UA		3203	COMP+CAN	3/8	10.0TPG (m)	UA	
3274	COMP+CAN	3/16	5.0TPG (d)	UA		7879	COMP+CAN	(S)	6LTG (b)(A)	(.030)	UA
3275	COMP+CAN	1/4	6.0TPG (m)	UA		4460	COMP+CAN	(H)	8-16+LTG (b)(A)	(.030)	UA
3262	COMP+CAN	3/8	10.0TPG (d)	UA		4461	COMP+CAN	(H)	8-16+LTG (ip)(A)	(.060)	UA
Oldcastle BuildingEnvelope® ; Concord, Ontario						Oldcastle BuildingEnvelope® ; Grand Prairie, TX					
3440	COMP+CAN	5/32	4.0TTG	UA		3250	COMP+CAN	1/8	3.0TTG (MC)	UA	
3441	COMP+CAN	3/16	5.0TTG	UA		3252	COMP+CAN	3/16	5.0TTG	UA	
3442	COMP+CAN	1/4	6.0TTG (MC)	UA		3253	COMP+CAN	1/4	6.0TTG (MC)	UA	
3443	COMP+CAN	5/16	8.0TTG	UA		3255	COMP+CAN	3/8	10.0TTG	UA	
3444	COMP+CAN	3/8	10.0TTG	UA		3256	COMP+CAN	1/2	12.0TTG	UA	
3445	COMP+CAN	1/2	12.0TTG	UA		7039	COMP+CAN	5/8	16.0TTG	UA	
3446	COMP+CAN	5/8	16.0TTG	UA		3426	COMP+CAN	5/32	4.0TPG (m)(IN)	UA	
4424	COMP+CAN	3/16	5.0TPG (s)	UA		3427	COMP+CAN	3/16	5.0TPG (s)	UA	
						3428	COMP+CAN	3/8	10.0TPG (s)	UA	
						7099	COMP+CAN	(S)	6LTG (b)(A)	(.030)	UA

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SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI CLASS	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI CLASS
		(THICKNESS CLASS)						(THICKNESS CLASS)			
Oldcastle BuildingEnvelope® ; Hauppauge, NY						Oldcastle BuildingEnvelope® ; Los Angeles, CA					
1546	COMP+CAN	1/8	3.0TTG (MC)		UA	1608	COMP+CAN	1/8	3.0TTG (MC)		UA
1547	COMP+CAN	3/16	5.0TTG (MC)		UA	1609	COMP+CAN	5/32	4.0TTG (MC)		UA
1548	COMP+CAN	1/4	6.0TTG (MC)		UA	630	COMP+CAN	3/16	5.0TTG (MC)		UA
4180	COMP+CAN	5/16	8.0TTG		UA	514	COMP+CAN	1/4	6.0TTG (MC)		UA
1549	COMP+CAN	3/8	10.0TTG		UA	4400	COMP+CAN	5/16	8.0TTG		UA
1550	COMP+CAN	1/2	12.0TTG		UA	515	COMP+CAN	3/8	10.0TTG		UA
3392	COMP+CAN	(S)	6LTG (b)(A)	(.030)	UA	516	COMP+CAN	1/2	12.0TTG		UA
4618	COMP+CAN	(H)	8-16+LTG (b)(A)	(.030)	UA	4387	COMP+CAN	5/8	16.0TTG		UA
5355	COMP+CAN	(H)	10-16+LTG (ip)(A)	(.060)	UA	2074	COMP+CAN	3/4	19.0TTG		UA
Oldcastle BuildingEnvelope® ; Houston, TX						Oldcastle BuildingEnvelope® ; Miami, FL					
7909	COMPOSITE	5/32	4.0TTG		UA	3793	COMP+CAN	3/8	10.0TPG (m)		UA
7910	COMPOSITE	3/16	5.0TTG		UA	7406	COMP+CAN	(S)	6LTG (ip)(A)	(.035)	UA
6728	COMPOSITE	1/4	6.0TTG (MC)		UA	4346	COMP+CAN	(S)	6LTG (b)(A)	(.030)	UA
7911	COMPOSITE	5/16	8.0TTG		UA	7407	COMP+CAN	(H)	8-16+LTG (ip)(A)	(.035)	UA
6729	COMPOSITE	3/8	10.0TTG		UA	4563	COMP+CAN	(H)	8-16+LTG (b)(A)	(.030)	UA
6730	COMPOSITE	1/2	12.0TTG		UA	Oldcastle BuildingEnvelope® ; Indianapolis, IN					
7912	COMPOSITE	5/8	16.0TTG		UA	7845	COMP+CAN	1/8	3.0TTG		UA
7913	COMPOSITE	3/4	19.0TTG		UA	7847	COMP+CAN	5/32	4.0TTG		UA
7914	COMPOSITE	3/16	5.0TPG (s)		UA	3497	COMP+CAN	3/16	5.0TTG		UA
7915	COMPOSITE	3/8	10.0TPG (s)		UA	3498	COMP+CAN	1/4	6.0TTG		UA
7908	COMPOSITE	(S)	6LTG (b)(A)	(.030)	UA	7848	COMP+CAN	5/16	8.0TTG		UA
6731	COMPOSITE	(H)	8-16+LTG (ip)(A)	(.035)	UA	3499	COMP+CAN	3/8	10.0TTG		UA
6732	COMPOSITE	(H)	8-16+LTG (b)(A)	(.030)	UA	3500	COMP+CAN	1/2	12.0TTG		UA
Oldcastle BuildingEnvelope® ; Indianapolis, IN						Oldcastle BuildingEnvelope® ; Moorestown, NJ					
2210	COMP+CAN	1/8	3.0TTG (MC)		UA	7849	COMP+CAN	5/8	16.0TTG		UA
2216	COMP+CAN	5/32	4.0TTG		UA	7850	COMP+CAN	3/4	19.0TTG		UA
2211	COMP+CAN	3/16	5.0TTG (MC)		UA	7846	COMP+CAN	1/8	3.0TPG (m)		UA
2212	COMP+CAN	1/4	6.0TTG (MC)		UA	3502	COMP+CAN	3/16	5.0TPG (m)		UA
2213	COMP+CAN	3/8	10.0TTG		UA	4477	COMP+CAN	1/4	6.0TPG (d)		UA
2214	COMP+CAN	1/2	12.0TTG		UA	3503	COMP+CAN	3/8	10.0TPG (s)		UA
7250	COMP+CAN	5/8	16.0TTG		UA	7872	COMP+CAN	(S)	6LTG (ip)(A)	(.035)	UA
4384	COMP+CAN	1/8	3.0TPG (m)		UA	7877	COMP+CAN	(S)	6LTG (b)(A)	(.030)	UA
2215	COMP+CAN	3/16	5.0TPG (m)		UA	4398	COMP+CAN	(H)	8-16+LTG (b)(A)	(.030)	UA
5442	COMP+CAN	1/4	6.0TPG (m)		UA	4399	COMP+CAN	(H)	8-16+LTG (ip)(A)	(.035)	UA
3259	COMP+CAN	3/8	10.0TPG (m)		UA	Oldcastle BuildingEnvelope® ; Langley, British Columbia					
Oldcastle BuildingEnvelope® ; Langley, British Columbia						Oldcastle BuildingEnvelope® ; Moorestown, NJ					
3286	COMP+CAN	1/8	3.0TTG (MC)		UA	3180	COMP+CAN	1/8	3.0TTG (MC)		UA
3287	COMP+CAN	5/32	4.0TTG (MC)		UA	3181	COMP+CAN	5/32	4.0TTG		UA
3288	COMP+CAN	3/16	5.0TTG (MC)		UA	3182	COMP+CAN	3/16	5.0TTG (MC)		UA
3289	COMP+CAN	1/4	6.0TTG (MC)		UA	3183	COMP+CAN	1/4	6.0TTG (MC)		UA
3290	COMP+CAN	5/16	8.0TTG		UA	3184	COMP+CAN	3/8	10.0TTG		UA
3291	COMP+CAN	3/8	10.0TTG		UA	3185	COMP+CAN	1/2	12.0TTG		UA
3292	COMP+CAN	1/2	12.0TTG		UA	4054	COMP+CAN	5/8	16.0TTG		UA
3293	COMP+CAN	5/8	16.0TTG		UA	3186	COMP+CAN	1/8	3.0TPG (s)		UA
3294	COMP+CAN	3/4	19.0TTG		UA	3187	COMP+CAN	5/32	4.0TPG (m)		UA
3295	COMP+CAN	1/8	3.0TPG (m)		UA	3188	COMP+CAN	3/16	5.0TPG (m)		UA
3296	COMP+CAN	5/32	4.0TPG (d)		UA	3189	COMP+CAN	1/4	6.0TPG (m)		UA
3297	COMP+CAN	3/16	5.0TPG (d)		UA	3190	COMP+CAN	3/8	10.0TPG (m)		UA
4710	COMP+CAN	3/8	10.0TPG (s)		UA	Oldcastle BuildingEnvelope® ; Langley, British Columbia					
4475	COMP+CAN	(S)	6LTG (b)(A)	(.030)	UA	Oldcastle BuildingEnvelope® ; Langley, British Columbia					
4476	COMP+CAN	(H)	8-16+LTG (b)(A)	(.030)	UA	Oldcastle BuildingEnvelope® ; Langley, British Columbia					

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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® ; Tampa, FL					
3233	COMP+CAN	1/8	3.0TTG (MC)	UA		3116	COMP+CAN	1/8	3.0TTG (IN)		UA
3234	COMP+CAN	5/32	4.0TTG (IN)	UA		3118	COMP+CAN	3/16	5.0TTG (MC)		UA
3235	COMP+CAN	3/16	5.0TTG (MC)	UA		3119	COMP+CAN	1/4	6.0TTG (MC)		UA
3236	COMP+CAN	1/4	6.0TTG (MC)	UA		3120	COMP+CAN	3/8	10.0TTG		UA
4443	COMP+CAN	5/16	8.0TTG	UA		3121	COMP+CAN	1/2	12.0TTG		UA
3237	COMP+CAN	3/8	10.0TTG	UA		3122	COMP+CAN	1/8	3.0TPG (s)(IN)		UA
3238	COMP+CAN	1/2	12.0TTG	UA		3124	COMP+CAN	3/16	5.0TPG (m)		UA
3239	COMP+CAN	5/8	16.0TTG	UA		3125	COMP+CAN	1/4	6.0TPG (m)		UA
3240	COMP+CAN	3/4	19.0TTG	UA		4340	COMP+CAN	3/8	10.0TPG (s)		UA
3243	COMP+CAN	3/16	5.0TPG (s)	UA		4448	COMP+CAN	(S)	6LTG (b)(A)(IN)	(.030)	UA
3244	COMP+CAN	1/4	6.0TPG (m)	UA		4449	COMP+CAN	(H)	8-16+LTG (b)(A)(IN)	(.030)	UA
4700	COMP+CAN	(S)	6LTG (b)(A)	(.030)	UA	5051	COMP+CAN	(H)	12LTG (ip)(A)(IN)	(.035)	UA
4444	COMP+CAN	(H)	8-16+LTG (ip)(A)	(.060)	UA	Oldcastle BuildingEnvelope® ; Warrenton, MO					
4446	COMP+CAN	(H)	8-16+LTG (b)(A)	(.030)	UA	3144	COMP+CAN	1/8	3.0TTG (MC)		UA
Oldcastle BuildingEnvelope® ; Phoenix, AZ						3145	COMP+CAN	5/32	4.0TTG		UA
3128	COMP+CAN	1/8	3.0TTG (MC)	UA		3146	COMP+CAN	3/16	5.0TTG (MC)		UA
3130	COMP+CAN	3/16	5.0TTG (MC)	UA		3147	COMP+CAN	1/4	6.0TTG (MC)		UA
3131	COMP+CAN	1/4	6.0TTG (MC)	UA		3796	COMP+CAN	5/16	8.0TTG		UA
3132	COMP+CAN	3/8	10.0TTG	UA		3148	COMP+CAN	3/8	10.0TTG		UA
3133	COMP+CAN	1/2	12.0TTG	UA		3149	COMP+CAN	1/2	12.0TTG		UA
7262	COMP+CAN	5/8	16.0TTG	UA		5904	COMP+CAN	5/8	16.0TTG		UA
6394	COMP+CAN	3/4	19.0TTG	UA		3152	COMP+CAN	5/32	4.0TPG (s)		UA
7521	COMP+CAN	1/8	3.0TPG (s)	UA		3153	COMP+CAN	3/16	5.0TPG (m)		UA
3136	COMP+CAN	3/16	5.0TPG (m)	UA		3154	COMP+CAN	1/4	6.0TPG (m)		UA
3999	COMP+CAN	1/4	6.0TPG (m)	UA		3155	COMP+CAN	3/8	10.0TPG (d)		UA
3729	COMP+CAN	3/8	10.0TPG (m)	UA		Oldcastle BuildingEnvelope® ; Wright City, MO					
Oldcastle BuildingEnvelope® ; Rock Hill, SC						3137	COMP+CAN	1/8	3.0TTG (MC)		UA
3276	COMP+CAN	1/8	3.0TTG (IN)	UA		3138	COMP+CAN	5/32	4.0TTG		UA
3462	COMP+CAN	5/32	4.0TTG (MC)	UA		3139	COMP+CAN	3/16	5.0TTG (MC)		UA
3277	COMP+CAN	3/16	5.0TTG (MC)	UA		3140	COMP+CAN	1/4	6.0TTG (MC)		UA
3278	COMP+CAN	1/4	6.0TTG (MC)	UA		3141	COMP+CAN	5/16	8.0TTG (MC)		UA
4787	COMP+CAN	5/16	8.0TTG (IN)	UA		3142	COMP+CAN	3/8	10.0TTG (MC)		UA
3279	COMP+CAN	3/8	10.0TTG	UA		3143	COMP+CAN	1/2	12.0TTG		UA
3280	COMP+CAN	1/2	12.0TTG	UA		4526	COMP+CAN	(S)	6LTG (b)(A)	(.030)	UA
3281	COMP+CAN	1/8	3.0TPG (s)(IN)	UA		4528	COMP+CAN	(S)	6LTG (ip)(A)	(.035)	UA
4396	COMP+CAN	5/32	4.0TPG (d)(IN)	UA		4527	COMP+CAN	(H)	8-16+LTG (b)(A)	(.030)	UA
3283	COMP+CAN	3/16	5.0TPG (d)	UA		4529	COMP+CAN	(H)	8-16+LTG (ip)(A)	(.035)	UA
3285	COMP+CAN	3/8	10.0TPG (d)	UA		Oldcastle BuildingEnvelope® Canada Inc. ; Pointe-aux-Trembles, Quebec					
Oldcastle BuildingEnvelope® ; Schofield, WI						4247	COMP+CAN	5/32	4.0TTG		UA
3167	COMP+CAN	1/8	3.0TTG (MC)	UA		1997	COMP+CAN	3/16	5.0TTG		UA
3168	COMP+CAN	5/32	4.0TTG (MC)	UA		2543	COMP+CAN	1/4	6.0TTG (MC)		UA
3169	COMP+CAN	3/16	5.0TTG (MC)	UA		2884	COMP+CAN	5/16	8.0TTG		UA
3170	COMP+CAN	1/4	6.0TTG (MC)	UA		2544	COMP+CAN	3/8	10.0TTG		UA
3171	COMP+CAN	5/16	8.0TTG (MC)	UA		2062	COMP+CAN	1/2	12.0TTG		UA
3172	COMP+CAN	3/8	10.0TTG	UA		7397	COMP+CAN	5/8	16.0TTG		UA
3173	COMP+CAN	1/2	12.0TTG	UA		7398	COMP+CAN	3/4	19.0TTG		UA
3178	COMP+CAN	3/16	5.0TPG (d)	UA		5025	COMP+CAN	(S)	6LTG (b)(A)	(.030)	UA
3176	COMP+CAN	(S)	6LTG (b)(A)	(.030)	UA	5024	COMP+CAN	(S)	6LTG (b)(A)(IN)	(.015)(C1)	UB
6773	COMP+CAN	(H)	8-16+LTG (ip)(A)	(.060)	UA	4435	COMP+CAN	(H)	8-16+LTG (b)(A)	(.030)	UA
4558	COMP+CAN	(H)	8-16+LTG (b)(A)	(.030)	UA	4433	COMP+CAN	(H)	10-16+LTG (ip)(A)	(.070)	UA
						Onyx Solar Energy, S.L. ; Avila, Spain					
						7071	COMPOSITE	(H)	12LTG (ev)(HS)	(.080)	UA
						8184	COMPOSITE	(H)	16+LTG (ev)(HS)	(.075)	UA
						7070	COMPOSITE	(H)	16LSP (ip)(HS)	(.035)x2	UA

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SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI CLASS	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI CLASS
		(THICKNESS CLASS)						(THICKNESS CLASS)			
Opulux Glass ; East Hanover, NJ						PFG Glass ; Langley, British Columbia					
8450	COMP+CAN	3/16	5.0TTG (MC)	UA		3538	COMP+CAN	1/8	3.0TTG (MC)	UA	
8451	COMP+CAN	1/4	6.0TTG (MC)	UA		3539	COMP+CAN	5/32	4.0TTG (MC)	UA	
8452	COMP+CAN	3/8	10.0TTG	UA		3540	COMP+CAN	3/16	5.0TTG (MC)	UA	
8453	COMP+CAN	1/2	12.0TTG	UA		3542	COMP+CAN	5/16	8.0TTG	UA	
P&C Tempered Glass, LLC. ; Medley, FL						PFG Glass ; Langley, British Columbia					
8342	COMPOSITE	1/4	6.0TTG	UA		3543	COMP+CAN	3/8	10.0TTG	UA	
8343	COMPOSITE	3/8	10.0TTG	UA		3544	COMP+CAN	1/2	12.0TTG	UA	
8542	COMPOSITE	1/2	12.0TTG	UA		3547	COMP+CAN	1/8	3.0TPG (s)	UA	
PA Glass Inc. ; Philadelphia, PA						PFG Glass ; Langley, British Columbia					
7692	COMPOSITE	5/32	4.0TTG	UA		3548	COMP+CAN	5/32	4.0TPG (d)	UA	
7693	COMPOSITE	3/16	5.0TTG	UA		3549	COMP+CAN	3/16	5.0TPG (s)	UA	
7660	COMPOSITE	1/4	6.0TTG	UA		3711	COMP+CAN	1/4	6.0TPG (s)	UA	
7661	COMPOSITE	3/8	10.0TTG	UA		PGT Industries ; North Venice, FL					
7662	COMPOSITE	1/2	12.0TTG	UA		2389	COMPOSITE	1/8	3.0TTG	UA	
7864	COMPOSITE	*	15.0TTG (4)(IN)	UA		2390	COMPOSITE	3/16	5.0TTG (MC)	UA	
7865	COMPOSITE	3/4	19.0TTG (IN)	UA		2391	COMPOSITE	1/4	6.0TTG (MC)	UA	
7821	COMPOSITE	*	5.0TBG (4)(IN)	UA		3880	COMPOSITE	1/8	3.0TPG (s)	UA	
7822	COMPOSITE	1/4	6.0TBG (IN)	UA		3881	COMPOSITE	3/16	5.0TPG (s)	UA	
7823	COMPOSITE	3/8	10.0TBG (IN)	UA		7451	COMPOSITE	(S)	6LTG (ip)(A)	(.035)	UA
7824	COMPOSITE	1/2	12.0TBG (IN)	UA		8346	COMPOSITE	(S)	6LTG (b)(A)	(.045)	UA
7866	COMPOSITE	(H)	8-16+LTG (b)(T)	(.015)	UA	7452	COMPOSITE	(H)	8-12LTG (ip)(A)	(.035)	UA
8353	COMPOSITE	(H)	16+LTG (ip)(T)	(.035)	UA	2426	COMPOSITE	(H)	8-12LTG (b)(A)	(.060)	UA
PAN- DUR Glass GmbH ; Ilmenau, Thuringen						Philly Glass Industry Inc. ; Philadelphia, PA					
6738	COMPOSITE	5/32	4.0TTG	UA		7652	COMP+CAN	3/16	5.0TTG (MC)	UA	
6739	COMPOSITE	1/4	6.0TTG	UA		7653	COMP+CAN	1/4	6.0TTG (MC)	UA	
Panasonic Housing Solutions Co., Ltd. ; Oyabe, Toyama						Philly Glass Industry Inc. ; Philadelphia, PA					
8731	COMPOSITE	1/4	6.0VIGT	UA		7654	COMP+CAN	3/8	10.0TTG	UA	
8561	COMPOSITE	5/16	8.0VIGT	UA		7655	COMP+CAN	1/2	12.0TTG	UA	
Panoramic Doors LLC ; Fort Worth, TX						Philly Glass Industry Inc. ; Philadelphia, PA					
8198	COMP+CAN	5/32	4.0TTG (MC)	UA		7656	COMP+CAN	5/8	16.0TTG (IN)	UA	
8504	COMP+CAN	3/16	5.0TTG (MC)	UA		7657	COMP+CAN	3/4	19.0TTG (IN)	UA	
Paragon Tempered Glass ; Antwerp, OH						Pingdingshan Youbo Glass Technology Co., Ltd. ; Pingdingshan, Henan					
2684	COMPOSITE	1/8	3.0TTG	UA		8100	COMPOSITE	3/16	5.0TTG	UA	
2685	COMPOSITE	5/32	4.0TTG	UA		8101	COMPOSITE	(H)	10LTG (ip)(A)	(.035)	UA
2686	COMPOSITE	3/16	5.0TTG	UA		Pirnar-Staklo d.o.o. ; Bosanski, Bosnia					
2687	COMPOSITE	1/4	6.0TTG (MC)	UA		7704	COMP+CAN	1/4	6.0TTG	UA	
5242	COMPOSITE	3/16	5.0TBG	UA		Portland Glass Manufacturing ; Clackamas, OR					
Patio Enclosures ; Macedonia, OH						Portland Glass Manufacturing ; Clackamas, OR					
7843	COMP+CAN	1/8	3.0TTG (MC)	UA		6372	COMPOSITE	1/4	6.0TTG (IN)	UA	
8670	COMP+CAN	5/32	4.0TTG (MC)	UA		6373	COMPOSITE	3/8	10.0TTG (IN)	UA	
Patriot Armored Systems, LLC ; Lee, MA						Portland Glass Manufacturing ; Clackamas, OR					
6688	COMPOSITE	1/8	3.0TTG	UA		6510	COMPOSITE	1/2	12.0TTG (IN)	UA	
6689	COMPOSITE	3/16	5.0TTG	UA		Precision Glass Bending Corporation ; Greenwood, AR					
6690	COMPOSITE	1/4	6.0TTG (MC)	UA		7149	COMP+CAN	1/4	6.0TBG	UA	
6691	COMPOSITE	3/8	10.0TTG	UA		7150	COMP+CAN	3/8	10.0TBG	UA	
Pericom S.A. DE C.V. ; San Juan Del Rio, Queretaro						Precision Glass Bending Corporation ; Greenwood, AR					
4512	COMPOSITE	1/8	3.0TTG	UA		7151	COMP+CAN	1/2	12.0TBG	UA	
						Precision Glass Bending Corporation ; Greenwood, AR					
						Precision Glass Industries ; Houston, TX					
						7152 COMP+CAN 5/8 16.0TBG UA					
						7153 COMP+CAN 3/4 19.0TBG UA					
						7422 COMP+CAN (S) 6LTG (ip)(A) (.035) UA					
						7154 COMP+CAN (S) 6LTG (b)(A) (.030) UA					
						7423 COMP+CAN (H) 8-16+LTG (ip)(A) (.035) UA					
						7155 COMP+CAN (H) 8-16+LTG (b)(A) (.030) UA					
						Precision Glass Industries ; Houston, TX					
						6886 COMPOSITE 3/16 5.0TTG UA					
						6887 COMPOSITE 1/4 6.0TTG (MC) UA					
						6888 COMPOSITE 3/8 10.0TTG UA					
						6889 COMPOSITE 1/2 12.0TTG UA					
						7605 COMPOSITE 3/8 10.0TPG (s) UA					

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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. ; Riviere-du-loup, Quebec						PRESS GLASS SP ZOO ; Tychy, Poland					
2034	COMP+CAN	1/8	3.0TTG (MC)		UA	5852	COMP+CAN	5/32	4.0TTG (MC)		UA
2035	COMP+CAN	5/32	4.0TTG (MC)		UA	6404	COMP+CAN	3/16	5.0TTG (MC)		UA
2713	COMP+CAN	3/16	5.0TTG (MC)		UA	5853	COMP+CAN	1/4	6.0TTG (MC)		UA
7800	COMP+CAN	1/4	6.0TTG (MC)		UA	5854	COMP+CAN	5/16	8.0TTG (MC)		UA
2751	COMP+CAN	5/16	8.0TTG (MC)		UA	5855	COMP+CAN	3/8	10.0TTG (MC)		UA
2381	COMP+CAN	3/8	10.0TTG (MC)		UA	5856	COMP+CAN	1/2	12.0TTG (MC)		UA
2048	COMP+CAN	1/2	12.0TTG (MC)		UA	5857	COMP+CAN	*	15.0TTG (4)		UA
5609	COMP+CAN	5/8	16.0TTG		UA	7509	COMP+CAN	3/16	5.0TBG		UA
4904	COMP+CAN	3/4	19.0TTG		UA	7510	COMP+CAN	1/4	6.0TBG		UA
4905	COMP+CAN	(S)	6LTG (b)(A)	(.030)	UA	7511	COMP+CAN	5/16	8.0TBG		UA
4906	COMP+CAN	(H)	8-16+LTG (b)(A)	(.030)	UA	7512	COMP+CAN	3/8	10.0TBG		UA
8274	COMP+CAN	(H)	10LTG (ip)(A)	(.060)	UA	7513	COMP+CAN	*	12.0TBG (2)		UA
Prelco Inc. ; Saint-Jacques, New Brunswick						7514	COMP+CAN	*	15.0TBG (2)		UA
4911	COMP+CAN	1/8	3.0TTG (MC)		UA	5858	COMP+CAN	(H)	8-16+LTG (b)(A)	(.030)	UA
4912	COMP+CAN	5/32	4.0TTG (MC)		UA	7638	COMP+CAN	(H)	12-16+LTG (ip)(A)	(.035)	UA
4913	COMP+CAN	3/16	5.0TTG (MC)		UA	Press Glass, Inc. ; Stoneville, NC					
4914	COMP+CAN	1/4	6.0TTG (MC)		UA	8621	COMP+CAN	5/32	4.0TTG		UA
4915	COMP+CAN	5/16	8.0TTG		UA	2730	COMP+CAN	3/16	5.0TTG (MC)		UA
4916	COMP+CAN	3/8	10.0TTG		UA	2732	COMP+CAN	1/4	6.0TTG (MC)		UA
4917	COMP+CAN	1/2	12.0TTG		UA	5259	COMP+CAN	5/16	8.0TTG		UA
5610	COMP+CAN	5/8	16.0TTG		UA	2729	COMP+CAN	3/8	10.0TTG		UA
5611	COMP+CAN	3/4	19.0TTG		UA	2733	COMP+CAN	1/2	12.0TTG		UA
Prelco MTL Inc. ; Montreal, Quebec						2731	COMP+CAN	5/8	16.0TTG		UA
7481	COMP+CAN	5/32	4.0TTG (MC)		UA	2734	COMP+CAN	3/4	19.0TTG		UA
7482	COMP+CAN	3/16	5.0TTG (MC)		UA	4413	COMP+CAN	(S)	6LTG (ip)(A)	(.035)	UA
7483	COMP+CAN	1/4	6.0TTG (MC)		UA	4375	COMP+CAN	(S)	6LTG (b)(A)	(.030)	UA
7484	COMP+CAN	5/16	8.0TTG (MC)		UA	4414	COMP+CAN	(H)	8-16+LTG (ip)(A)	(.035)	UA
7485	COMP+CAN	3/8	10.0TTG		UA	4376	COMP+CAN	(H)	8-16+LTG (b)(A)	(.030)	UA
Premier Glass Products ; Atlanta, GA						PRL Glass Systems ; City of Industry, CA					
8562	COMP+CAN	3/16	5.0TTG		UA	6508	COMPOSITE	1/4	6.0TTG		UA
8377	COMP+CAN	1/4	6.0TTG		UA	7971	COMP+CAN	(H)	12LTG (ev)(A)(IN)	(.030)	UA
8378	COMP+CAN	3/8	10.0TTG		UA	Procesadora De Jalisco S.A. DE C.V. - Queretaro ; San Juan del Rio, Queretaro					
8379	COMP+CAN	1/2	12.0TTG		UA	6716	COMPOSITE	1/8	3.0TTG (MC)		UA
Press Glass Inc. ; Ridgeway, VA						6717	COMPOSITE	1/4	6.0TTG (MC)		UA
7810	COMP+CAN	3/16	5.0TTG (MC)		UA	Procesadora de Jalisco, S.A. DE C.V. ; Zapopan, Jalisco					
7811	COMP+CAN	1/4	6.0TTG (MC)		UA	6718	COMPOSITE	1/4	6.0TTG		UA
7812	COMP+CAN	5/16	8.0TTG (MC)		UA	6719	COMPOSITE	3/8	10.0TTG		UA
7813	COMP+CAN	3/8	10.0TTG (MC)		UA	6720	COMPOSITE	*	12.0TTG (4)		UA
7814	COMP+CAN	1/2	12.0TTG		UA	6722	COMPOSITE	(H)	12LTG (b)(T)	(.060)	UA
7815	COMP+CAN	5/8	16.0TTG		UA	6721	COMPOSITE	(H)	12LTG (ip)(T)	(.060)	UA
7816	COMP+CAN	3/4	19.0TTG		UA	Productora y Distribuidora de Espejos S.A. de C.V. ; Pesqueria, Nuevo Leon					
7819	COMP+CAN	(H)	8-16+LTG (b)(A)	(.030)	UA	6517	COMPOSITE	1/4	6.0TTG		UA
7820	COMP+CAN	(H)	8-16+LTG (ip)(A)	(.035)	UA	6518	COMPOSITE	3/8	10.0TTG		UA
PRESS GLASS SP ZOO ; Radomsko, Poland											
5845	COMP+CAN	5/32	4.0TTG (MC)		UA						
6963	COMP+CAN	3/16	5.0TTG (MC)		UA						
5846	COMP+CAN	1/4	6.0TTG (MC)		UA						
5847	COMP+CAN	5/16	8.0TTG (MC)		UA						
5848	COMP+CAN	3/8	10.0TTG (MC)		UA						
5849	COMP+CAN	1/2	12.0TTG (MC)		UA						
5850	COMP+CAN	*	15.0TTG (4)		UA						
5851	COMP+CAN	(H)	8-16+LTG (b)(A)	(.030)	UA						
7479	COMP+CAN	(H)	12,16+LTG (ip)(A)	(.035)	UA						

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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
Produits Verrier International Inc. ; Montreal, Quebec						Qingdao Kingdom Glass Co., Ltd. ; Qingdao, Shandong					
5498	COMP+CAN	1/8	3.0TTG (MC)		UA	8410	COMP+CAN	1/4	6.0TTG		UA
5499	COMP+CAN	5/32	4.0TTG (MC)		UA	7681	COMP+CAN	*	12.0TTG (4)		UA
5500	COMP+CAN	3/16	5.0TTG (MC)		UA	Qingdao Laurel Glass Technology Co., Ltd ; Qingdao, Shandong					
5501	COMP+CAN	1/4	6.0TTG (MC)		UA	7125	COMP+CAN	1/8	3.0TTG		UA
7844	COMP+CAN	5/16	8.0TTG		UA	7110	COMP+CAN	5/32	4.0TTG		UA
5502	COMP+CAN	3/8	10.0TTG		UA	8063	COMP+CAN	1/4	6.0TTG		UA
5503	COMP+CAN	1/2	12.0TTG		UA	8019	COMP+CAN	5/16	8.0TTG		UA
5504	COMP+CAN	1/8	3.0TPG (d)		UA	7126	COMP+CAN	3/8	10.0TTG		UA
5505	COMP+CAN	3/16	5.0TPG (s)		UA	8020	COMP+CAN	1/2	12.0TTG		UA
8790	COMP+CAN	(H)	12LTG (b)(A)	(.030)	UA	8021	COMP+CAN	(S)	6LTG (b)(A)	(.030)	UA
ProTemp Glass, Inc. ; Concord, Ontario						Qingdao Pioneer Glass Co.,Ltd. ; Qingdao, Shandong					
7410	COMP+CAN	5/32	4.0TTG		UA	8529	COMP+CAN	*	3.0TTG (3)		UA
7411	COMP+CAN	3/16	5.0TTG		UA	8530	COMP+CAN	5/32	4.0TTG		UA
7382	COMP+CAN	1/4	6.0TTG		UA	8531	COMP+CAN	3/16	5.0TTG		UA
7312	COMP+CAN	5/16	8.0TTG		UA	8532	COMP+CAN	1/4	6.0TTG		UA
7313	COMP+CAN	3/8	10.0TTG		UA	8216	COMP+CAN	3/8	10.0TTG		UA
7314	COMP+CAN	1/2	12.0TTG		UA	8685	COMP+CAN	(S)	6LTG (b)(A)	(.030)	UA
7315	COMP+CAN	5/8	16.0TTG		UA	Qingdao Runya Glass Products Co., LTD ; Qingdao, Shandong					
7316	COMP+CAN	3/4	19.0TTG		UA	8620	COMP+CAN	1/2	12.0TTG		UA
7907	COMP+CAN	(H)	10-16+LTG (b)(A)	(.060)	UA	Qinhuangdao Ampac Building Products Co., Ltd. ; Qinhuangdao, Hebei					
Przedsiębiorstwo Prywatne Rezal ; Leczycka, Lodz						5899	COMPOSITE	1/8	3.0TTG (MC)		UA
8626	COMP+CAN	3/8	10.0LTG (b)(A)	(.030)	UA	5900	COMPOSITE	5/32	4.0TTG		UA
PT Abebersa Pratama ; Bekasi, Indonesia						5901	COMPOSITE	3/16	5.0TTG		UA
3905	COMPOSITE	5/32	4.0TTG (MC)		UA	5902	COMPOSITE	5/32	4.0TPG (s)		UA
3906	COMPOSITE	3/16	5.0TTG		UA	5903	COMPOSITE	3/16	5.0TPG (d)		UA
8000	COMPOSITE	5/32	4.0TPG (s)		UA	8412	COMPOSITE	(H)	8LTG (b)(A)	(.090)	UA
Pulp Studio, Inc. ; Gardena, CA						Qinhuangdao Huaguang Technology Glass Co., Ltd. ; Qinhuangdao, Hebei					
7860	COMP+CAN	3/16	5.0TTG		UA	8352	COMPOSITE	1/8	3.0TTG		UA
6416	COMP+CAN	1/4	6.0TTG (MC)		UA	Qinhuangdao Jingxin Glass Co., Ltd. ; Qinhuangdao, Hebei					
7807	COMP+CAN	3/8	10.0TTG		UA	5280	COMPOSITE	1/8	3.0TTG (MC)		UA
7808	COMP+CAN	1/2	12.0TTG		UA	Qinhuangdao Mingjingyuan Safety Technology Glass Co., Ltd ; Qinhuangdao, Hebei					
4711	COMP+CAN	(H)	8-16+LTG (b)(A)	(.030)	UA	8533	COMP+CAN	12	12.0TTG		UA
Qianse Acrylic Co., LTD. ; Dongguan, Guangdong Province						8534	COMP+CAN	(*)	15.0TTG (3)		UA
7247	ANSI ONLY	1/8	3.0SPS		UA	Qinhuangdao Qicaishi Glass Processing Co., Ltd. ; Qinhuangdao, Hebei					
Qingdao Apis Glass Industries Co. Ltd. ; Qingdao, Shandong						5141	COMPOSITE	1/8	3.0TTG		UA
8349	COMP+CAN	1/4	6.0TTG		UA	Qinhuangdao Rongsheng Glass Processing Co., Ltd. ; Qinhuangdao, Hebei					
8350	COMP+CAN	3/8	10.0TTG		UA	7259	COMPOSITE	(S)	6LTG (b)(A)	(.030)	UA
8351	COMP+CAN	*	12.0TTG (3)		UA	Qinhuangdao Shengrui Glass Processing CO., LTD. ; Qinhuangdao, Hebei					
Qingdao Glorious Future Energy-saving Glass Co.,Ltd. ; Qingdao, Shandong						8664	COMPOSITE	1/8	3.0TTG		UA
8516	COMP+CAN	1/4	6.0TTG		UA	QinHuangDao Tianrui Tempered Technology Glass Co. ; Qinhuangdao, Hebei					
8517	COMP+CAN	3/8	10.0TTG		UA	3690	COMPOSITE	1/8	3.0TTG		UA
8518	COMP+CAN	1/2	12.0TTG		UA						
8519	COMP+CAN	(H)	10-12LTG (b)(T)	(.030)	UA						
8521	COMP+CAN	(H)	16+LTG (b)(T)	(.060)	UA						
8520	COMP+CAN	(H)	16+LTG (ip)(T)	(.035)	UA						
Qingdao Ideal Building Material Co. Ltd. ; Qingdao, Shandong											
6776	COMP+CAN	1/8	3.0TTG		UA						
6777	COMP+CAN	5/32	4.0TTG		UA						

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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
Quaker Window Products, Inc. ; Freeburg, MO						Rizhao Huaye Glass Co., Ltd. ; Rizhao, Shandong					
2985	COMP+CAN	1/8	3.0TTG (MC)	UA		5566	COMP+CAN	5/32	4.0TTG		UA
5297	COMP+CAN	5/32	4.0TTG (MC)	UA		5567	COMP+CAN	3/16	5.0TTG		UA
2986	COMP+CAN	3/16	5.0TTG (MC)	UA		5568	COMP+CAN	1/4	6.0TTG		UA
3485	COMP+CAN	1/4	6.0TTG (MC)	UA		5569	COMP+CAN	5/16	8.0TTG		UA
7935	COMP+CAN	5/16	8.0TTG	UA		5570	COMP+CAN	3/8	10.0TTG		UA
2968	COMP+CAN	1/8	3.0TPG (m)	UA		5571	COMP+CAN	1/2	12.0TTG		UA
2969	COMP+CAN	5/32	4.0TPG (m)(IN)	UA		5572	COMP+CAN	*	15.0TTG (4)		UA
3486	COMP+CAN	3/16	5.0TPG (m)	UA		5580	COMP+CAN	(S)	6LTG (b)(A)	(.015)	UA
2970	COMP+CAN	1/4	6.0TPG (m)(IN)	UA		5581	COMP+CAN	(H)	8-16LTG (b)(A)	(.015)	UA
Quality Enclosures ; Central Islip, NY						Robover Inc. ; Quebec City, Quebec					
6440	COMP+CAN	3/16	5.0TTG	UA		5199	COMP+CAN	1/8	3.0TTG (MC)		UA
6441	COMP+CAN	1/4	6.0TTG	UA		5200	COMP+CAN	5/32	4.0TTG (MC)		UA
6442	COMP+CAN	3/8	10.0TTG	UA		5201	COMP+CAN	3/16	5.0TTG (MC)		UA
6443	COMP+CAN	1/2	12.0TTG	UA		5202	COMP+CAN	1/4	6.0TTG (MC)		UA
6444	COMP+CAN	3/16	5.0TPG (s)	UA		5763	COMP+CAN	3/8	10.0TTG		UA
6445	COMP+CAN	1/4	6.0TPG (s)	UA		5764	COMP+CAN	1/2	12.0TTG		UA
6446	COMP+CAN	3/8	10.0TPG (m)	UA		Rohden Vidros LTDA (Unidade 2) ; Pouso Redondo, Santa Catarina					
Quality Enclosures Tempering, Inc. ; Port Orange, FL						S.F. Tempering ; Dania Beach, FL					
6243	COMPOSITE	3/16	5.0TTG	UA		8103	COMP+CAN	5/32	4.0TTG		UA
6244	COMPOSITE	1/4	6.0TTG	UA		8192	COMP+CAN	1/4	6.0TTG		UA
6245	COMPOSITE	3/8	10.0TTG	UA		SAAND Inc. ; Toronto, Ontario					
6246	COMPOSITE	1/2	12.0TTG	UA		2481	COMP+CAN	1/8	3.0TTG (MC)		UA
6247	COMPOSITE	3/16	5.0TPG (m)	UA		2482	COMP+CAN	5/32	4.0TTG (MC)		UA
6248	COMPOSITE	1/4	6.0TPG (s)	UA		3023	COMP+CAN	3/16	5.0TTG (MC)		UA
6249	COMPOSITE	3/8	10.0TPG (s)	UA		2484	COMP+CAN	1/4	6.0TTG (MC)		UA
Quest USA, Inc. ; Garland, TX						SAAND London ; London, Ontario					
7659	COMP+CAN	1/4	6.0TTG (MC)	UA		3978	COMP+CAN	1/8	3.0TTG (MC)		UA
Quest Window Systems ; Mississauga, Ontario						SAAND Ottawa ; Stittsville, Ontario					
5719	COMP+CAN	1/4	6.0TTG (MC)	UA		4278	COMP+CAN	5/32	4.0TTG (MC)		UA
Ready Glass & Mirror, Inc. ; Hialeah, FL						SAAND Toronto ; Toronto, Ontario					
3745	COMPOSITE	3/16	5.0TTG	UA		2481	COMP+CAN	1/8	3.0TTG (MC)		UA
3746	COMPOSITE	1/4	6.0TTG	UA		2482	COMP+CAN	5/32	4.0TTG (MC)		UA
3747	COMPOSITE	3/8	10.0TTG	UA		3023	COMP+CAN	3/16	5.0TTG (MC)		UA
3748	COMPOSITE	1/2	12.0TTG	UA		2484	COMP+CAN	1/4	6.0TTG (MC)		UA
5634	COMPOSITE	(H)	8-16+LTG (ip)(A)	(.035)	UA	4356	COMP+CAN	5/16	8.0TTG		UA
7013	COMPOSITE	(H)	8-12LTG (b)(A)(IN)	(.015)	UA	4357	COMP+CAN	3/8	10.0TTG		UA
Reem Emirates Aluminum & Glass ; Abu Dhabi, United Arab Emirates						SAAND London ; London, Ontario					
4675	COMPOSITE	1/4	6.0TTG	UA		3978	COMP+CAN	1/8	3.0TTG (MC)		UA
4676	COMPOSITE	5/16	8.0TTG	UA		4278	COMP+CAN	5/32	4.0TTG (MC)		UA
4677	COMPOSITE	3/8	10.0TTG	UA		3979	COMP+CAN	3/16	5.0TTG (MC)		UA
6971	COMPOSITE	(H)	16LTG (b)(A)	(.060)	UA	3980	COMP+CAN	1/4	6.0TTG (MC)		UA
Renin Canada Corp. ; Brampton, Ontario						SAAND London ; London, Ontario					
8318	COMP+CAN	1/4	6.0TTG	UA		7658	COMP+CAN	5/16	8.0TTG		UA
8278	COMP+CAN	3/8	10.0TTG	UA		3981	COMP+CAN	3/8	10.0TTG		UA
8319	COMP+CAN	1/2	12.0TTG	UA		7536	COMP+CAN	1/2	12.0TTG		UA
Rider Glass Company Limited ; Qingdao, Shandong						SAAND Ottawa ; Stittsville, Ontario					
8624	COMP+CAN	1/8	3.0TTG	UA		4949	COMP+CAN	1/8	3.0TTG (MC)		UA
8625	COMP+CAN	5/32	4.0TTG	UA		4950	COMP+CAN	5/32	4.0TTG (MC)		UA
8464	COMP+CAN	3/16	5.0TTG	UA		4951	COMP+CAN	3/16	5.0TTG (MC)		UA
8465	COMP+CAN	1/4	6.0TTG	UA		4952	COMP+CAN	1/4	6.0TTG (MC)		UA
8466	COMP+CAN	5/16	8.0TTG	UA		4953	COMP+CAN	3/8	10.0TTG		UA
8467	COMP+CAN	3/8	10.0TTG	UA		4954	COMP+CAN	1/2	12.0TTG		UA

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SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI CLASS	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI CLASS
SAAND Rexdale ; Rexdale, Ontario						Shandong Kingtom Glass Co., Ltd. ; Qingdao, Shandong					
4995	COMP+CAN	1/8	3.0TTG		UA	8311	COMP+CAN	3/16	5.0TTG		UA
4996	COMP+CAN	5/32	4.0TTG		UA	7917	COMP+CAN	1/4	6.0TTG		UA
4997	COMP+CAN	3/16	5.0TTG		UA	7918	COMP+CAN	5/16	8.0TTG		UA
4998	COMP+CAN	1/4	6.0TTG		UA	7919	COMP+CAN	3/8	10.0TTG		UA
4999	COMP+CAN	3/8	10.0TTG		UA	7916	COMP+CAN	3/16	5.0TPG (s)		UA
5000	COMP+CAN	1/2	12.0TTG		UA	8312	COMP+CAN	1/4	6.0TPG (s)		UA
5001	COMP+CAN	(S)	6LTG (b)(A)	(.030)	UA	Shandong Taishan Huayue Glass Co., Ltd. ; Tai'an, Shandong					
5002	COMP+CAN	(H)	8-16+LTG (b)(A)	(.030)	UA	8355	COMP+CAN	1/4	6.0TTG		UA
SAGE Electrochromics Inc. ; Faribault, MN						8356	COMP+CAN	5/16	8.0TTG		UA
7003	COMP+CAN	(S)	6LTG (ip)(A)	(.035)	UA	8722	COMP+CAN	(H)	8LTG (HS)(A)	(.060)	UA
5016	COMP+CAN	(H)	8-12LTG (ip)(A)	(.035)	UA	Shandong Yaohua Glass Co., Ltd. ; Jinan, Shandong					
Saint Gobain Mexico, S.A. de C.V. ; Cuautla, Morelos, Mexico						7335	COMP+CAN	3/16	5.0TTG		UA
8152	COMP+CAN	(S)	6LTG (b)(A)	(.030)	UA	7336	COMP+CAN	1/4	6.0TTG		UA
8154	COMP+CAN	(H)	8,12LTG (b)(A)	(.030)	UA	7337	COMP+CAN	3/8	10.0TTG		UA
8153	COMP+CAN	(H)	8LTG (b)(A)	(.015)	UA	7338	COMP+CAN	*	12.0TTG (3)		UA
8155	COMP+CAN	(H)	10LTG (b)(A)	(.090)	UA	7967	COMP+CAN	(S)	6LTG (b)(A)	(.030)	UA
Saudi American Glass Company ; Riyadh, Saudi Arabia						8212	COMP+CAN	(H)	16+LTG (ip)(A)	(.035)	UA
8500	COMPOSITE	1/4	6.0TTG		UA	Shanghai SYP Engineering Glass ; Pudong, Shanghai					
8501	COMPOSITE	5/16	8.0TTG		UA	4067	COMP+CAN	5/32	4.0TTG (MC)		UA
8502	COMPOSITE	(H)	10,12LTG (b)(A)	(.060)	UA	4068	COMP+CAN	3/16	5.0TTG (MC)		UA
SCHOTT Gemtron - Sweetwater ; Sweetwater, TN						4069	COMP+CAN	1/4	6.0TTG (MC)		UA
1334	COMP+CAN	1/8	3.0TTG (MC)		UA	4070	COMP+CAN	5/16	8.0TTG (MC)		UA
1332	COMP+CAN	5/32	4.0TTG (MC)		UA	4071	COMP+CAN	3/8	10.0TTG (MC)		UA
1201	COMP+CAN	3/16	5.0TTG (MC)		UA	4072	COMP+CAN	1/2	12.0TTG (MC)		UA
1477	COMP+CAN	1/4	6.0TTG (MC)		UA	4073	COMP+CAN	*	15.0TTG (4)(MC)		UA
1422	COMP+CAN	1/8	3.0TPG (s)		UA	6988	COMP+CAN	(H)	8-16+LTG (b)(A)	(.030)	UA
1424	COMP+CAN	5/32	4.0TPG (s)		UA	Shanghai Zhenzhen Glassware Co., LTD. ; Fengxian District, Shanghai					
Selective Shower Glass Designs Inc. ; Medley, FL						6125	COMP+CAN	1/4	6.0TTG		UA
8314	COMP+CAN	(H)	10-12LTG (ip)(A)	(.035)	UA	6126	COMP+CAN	3/8	10.0TTG		UA
8337	COMP+CAN	(H)	16+LTG (ip)(A)	(.060)	UA	Shape Glass LLC. ; Sarasota, FL					
Senneca Holdings Inc, (Thermoseal Brand) ; Irving, TX						6502	COMPOSITE	1/8	3.0TTG		UA
7640	COMPOSITE	1/8	3.0TTG		UA	6503	COMPOSITE	3/16	5.0TTG		UA
7641	COMPOSITE	3/16	5.0TTG		UA	6504	COMPOSITE	1/4	6.0TTG		UA
7642	COMPOSITE	1/4	6.0TTG		UA	6505	COMPOSITE	3/8	10.0TTG		UA
Sfera SRL ; Meolo, Metropolitan City of Venice						6506	COMPOSITE	1/2	12.0TTG		UA
8087	COMP+CAN	5/32	4.0TBG (MC)		UA	6507	COMPOSITE	3/16	5.0TPG (s)		UA
6079	COMP+CAN	1/4	6.0TBG (MC)		UA	6947	COMPOSITE	3/8	10.0TPG (s)		UA
8086	COMP+CAN	5/16	8.0TBG (MC)		UA	Shenzhen Shennanyi Glass Product Co., Ltd ; Shenzhen, Guangdong Province					
ShanDong HaanGlas Co., LTD ; Tai'an, Shandong						8522	COMP+CAN	1/4	6.0TTG		UA
8713	COMPOSITE	5/16	8.0VIGT		UA	8723	COMP+CAN	5/16	8.0TTG		UA
8714	COMPOSITE	3/8	10.0VIGT		UA	8523	COMP+CAN	3/8	10.0TTG		UA
8711	COMPOSITE	5/32	4.0TTG		UA	8524	COMP+CAN	*	12.0TTG (3)		UA
8712	COMPOSITE	3/16	5.0TTG		UA	8525	COMP+CAN	3/4	19.0TTG		UA
Shandong Jinjing Science & Technology Stock Co., Ltd. ; Zibo, Shandong						8425	COMP+CAN	(H)	16+LTG (b)(A)	(.060)	UA
8483	COMPOSITE	1/8	3.0TTG		UA	Shenzhen Sun Global Glass Co., Limited ; Shenzhen, Guangdong Province					
8256	COMPOSITE	5/32	4.0TTG		UA	6970	COMP+CAN	(H)	8-10LTG (b)(A)	(.060)	UA
8257	COMPOSITE	1/4	6.0TTG		UA	Shower Doors & More Inc. ; Fort Lauderdale, FL					
8258	COMPOSITE	5/16	8.0TTG		UA	5756	COMPOSITE	3/16	5.0TTG		UA
8259	COMPOSITE	3/8	10.0TTG		UA	5757	COMPOSITE	1/4	6.0TTG		UA
8781	COMPOSITE	*	12.0TTG (3)		UA	5758	COMPOSITE	3/8	10.0TTG		UA
8250	COMPOSITE	(H)	12,16LTG (b)(T)	(.030)	UA	5759	COMPOSITE	1/2	12.0TTG		UA

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SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI CLASS	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI CLASS
		(THICKNESS CLASS)						(THICKNESS CLASS)			
Sichuan CSG Energy Conservation Glass Co., Ltd. ; Chengdu, Sichuan						Soluciones Vitro Plano S.A. de C.V. ; Tlalnepantla de Baz, State of Mexico					
7050	COMPOSITE	3/16	5.0TTG		UA	4639	COMPOSITE	3/16	5.0TTG		UA
7051	COMPOSITE	1/4	6.0TTG		UA	4645	COMPOSITE	1/4	6.0TTG (MC)		UA
7052	COMPOSITE	5/16	8.0TTG		UA	4788	COMPOSITE	5/16	8.0TTG		UA
7053	COMPOSITE	3/8	10.0TTG		UA	4640	COMPOSITE	3/8	10.0TTG		UA
7054	COMPOSITE	1/2	12.0TTG		UA	4641	COMPOSITE	1/2	12.0TTG		UA
7055	COMPOSITE	*	15.0TTG (4)		UA	4642	COMPOSITE	3/4	19.0TTG		UA
7056	COMPOSITE	(H)	10-16+LTG (b)(A)	(.030)	UA	South Bay Showers, Inc. ; Santa Clara, CA					
Sierra Glass Fabrication Inc. ; Sparks, NV						7252	COMPOSITE	1/4	6.0TTG		UA
7670	COMPOSITE	1/8	3.0TTG (MC)		UA	7253	COMPOSITE	5/16	8.0TTG (IN)		UA
6186	COMPOSITE	3/16	5.0TTG (MC)		UA	6927	COMPOSITE	3/8	10.0TTG		UA
SIGCO, Inc. ; Westbrook, ME						6928	COMPOSITE	1/2	12.0TTG		UA
2961	COMPOSITE	1/8	3.0TTG (MC)		UA	7254	COMPOSITE	3/8	10.0TPG (s)		UA
2962	COMPOSITE	5/32	4.0TTG (MC)		UA	Southern Wholesale Glass, Inc. ; Americus, GA					
2963	COMPOSITE	3/16	5.0TTG (MC)		UA	7349	COMPOSITE	1/4	6.0TTG		UA
2964	COMPOSITE	1/4	6.0TTG (MC)		UA	7350	COMPOSITE	3/8	10.0TTG		UA
5213	COMPOSITE	5/16	8.0TTG		UA	Splendor Shower Door ; Holland, OH					
2965	COMPOSITE	3/8	10.0TTG		UA	7753	COMPOSITE	5/32	4.0TTG		UA
2966	COMPOSITE	1/2	12.0TTG		UA	7754	COMPOSITE	3/16	5.0TTG		UA
3028	COMPOSITE	3/16	5.0TPG (m)		UA	7755	COMPOSITE	1/4	6.0TTG		UA
4206	COMPOSITE	3/8	10.0TPG (s)		UA	7756	COMPOSITE	3/8	10.0TTG		UA
6012	COMP+CAN	(S)	6LTG (b)(A)	(.030)	UA	7757	COMPOSITE	1/2	12.0TTG		UA
6014	COMP+CAN	(H)	8-16+LTG (ip)(A)	(.060)	UA	7758	COMPOSITE	5/32	4.0TPG (s)		UA
6013	COMP+CAN	(H)	8-16+LTG (b)(A)	(.030)	UA	7759	COMPOSITE	3/16	5.0TPG (m)		UA
Simonton Windows ; Ellenboro, WV						7761	COMPOSITE	3/8	10.0TPG (s)		UA
2887	COMPOSITE	1/8	3.0TTG (MC)		UA	Standard Bent Glass ; East Butler, PA					
2888	COMPOSITE	3/16	5.0TTG (MC)		UA	8543	COMP+CAN	3/16	5.0TTG (MC)		UA
5296	COMPOSITE	1/8	3.0TPG (s)		UA	6301	COMP+CAN	1/4	6.0TTG (MC)		UA
8411	COMPOSITE	3/16	5.0TPG (s)		UA	6302	COMP+CAN	5/16	8.0TTG		UA
Simonton Windows ; Paris, IL						6303	COMP+CAN	3/8	10.0TTG		UA
4979	COMPOSITE	1/8	3.0TTG (MC)		UA	6304	COMP+CAN	1/2	12.0TTG		UA
4978	COMPOSITE	3/16	5.0TTG (MC)		UA	8616	COMP+CAN	1/4	6.0TBG		UA
7251	COMPOSITE	1/8	3.0TPG (m)		UA	7675	COMP+CAN	5/16	8.0TBG		UA
Sky Land Tempering Glass Corp ; Long Island City, NY						7676	COMP+CAN	3/8	10.0TBG (MC)		UA
5467	COMPOSITE	3/16	5.0TTG		UA	7677	COMP+CAN	1/2	12.0TBG		UA
5468	COMPOSITE	1/4	6.0TTG (MC)		UA	6305	COMP+CAN	(S)	6LTG (b)(A)	(.030)	UA
5469	COMPOSITE	3/8	10.0TTG		UA	6306	COMP+CAN	(H)	10-16+LTG (b)(A)	(.030)	UA
5470	COMPOSITE	1/2	12.0TTG		UA	Star Glass Tempering LLC ; Elk Grove Village, IL					
Skyline Design ; Chicago, IL						8549	COMPOSITE	1/4	6.0TTG		UA
6340	COMP+CAN	1/4	6.0TTG		UA	8550	COMPOSITE	3/8	10.0TTG		UA
6343	COMP+CAN	1/2	12.0TTG		UA	8551	COMPOSITE	1/2	12.0TTG		UA
6347	COMP+CAN	1/4	6.0TPG (s)		UA	Stargrup Cam A.S. ; Arnavutkoy, Istanbul					
6350	COMP+CAN	1/2	12.0TPG (s)		UA	8219	COMP+CAN	5/32	4.0TTG		UA
Soluciones Arquitectonicas, S.A. De C.V. ; San Pedro Sula, Honduras						8220	COMP+CAN	3/16	5.0TTG		UA
8585	COMPOSITE	3/8	10.0TTG		UA	6204	COMP+CAN	1/4	6.0TTG		UA
8586	COMPOSITE	1/2	12.0TTG		UA	7579	COMP+CAN	5/16	8.0TTG		UA
						6205	COMP+CAN	3/8	10.0TTG		UA
						6206	COMP+CAN	1/2	12.0TTG		UA
						6207	COMP+CAN	(H)	8-16+LTG (b)(A)	(.015)	UA
						8221	COMP+CAN	(H)	8-16+LTG (ip)(A)	(.035)	UA
						Strong Tempering Glass Industry LLC ; Brooklyn, NY					
						5939	COMPOSITE	3/16	5.0TTG (MC)		UA
						5940	COMPOSITE	1/4	6.0TTG (MC)		UA
						5942	COMPOSITE	3/8	10.0TTG		UA
						5941	COMPOSITE	1/2	12.0TTG		UA

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		(THICKNESS CLASS)						(THICKNESS CLASS)			
Sunfire Glass, Inc. ; Medley, FL						Technical Glass Company ; Jeddah, Saudi Arabia					
7036	COMPOSITE	3/16	5.0TTG (MC)		UA	7952	COMP+CAN	1/4	6.0TTG		UA
7033	COMPOSITE	1/4	6.0TTG		UA	7953	COMP+CAN	5/16	8.0TTG		UA
7037	COMPOSITE	3/8	10.0TTG		UA	7954	COMP+CAN	3/8	10.0TTG		UA
7405	COMPOSITE	1/2	12.0TTG (IN)		UA	7955	COMP+CAN	*	12.0TTG (7)		UA
7038	COMPOSITE	3/16	5.0TPG (s)		UA	7956	COMP+CAN	(H)	8,12-16+LTG (b)(A)	(.030)	UA
Sunglas Technics Co., Ltd. ; Foshan, Guangdong Province						Techni-Glass, Inc. ; Surgoinsville, TN					
8090	COMPOSITE	1/4	6.0TTG		UA	2547	COMP+CAN	1/8	3.0TTG (MC)		UA
Swift Glass Co., Inc. ; Elmira Heights, NY						Tecnoglass S.A.S. ; Barrio Las Flores, Barranquilla					
1555	COMPOSITE	1/8	3.0TTG		UA	2548	COMP+CAN	5/32	4.0TTG		UA
1556	COMPOSITE	3/16	5.0TTG		UA	2549	COMP+CAN	3/16	5.0TTG		UA
1557	COMPOSITE	1/4	6.0TTG		UA	2975	COMP+CAN	1/4	6.0TTG		UA
1558	COMPOSITE	3/8	10.0TTG		UA	3062	COMP+CAN	3/8	10.0TTG		UA
1559	COMPOSITE	1/2	12.0TTG		UA	4509	COMP+CAN	1/2	12.0TTG		UA
Synergy Energy Savings Glass (Tianjin) Co., Ltd. ; Baodi District, Tianjin						Tecnovidrio S.A. de C.V. ; Delegacion Iztacalco, Mexico City					
8749	COMPOSITE	3/8	10.0VIGT (MC)		UA	4510	COMP+CAN	5/8	16.0TTG		UA
Syracuse Glass Company, LLC ; Syracuse, NY						TEMCOR S. DE RL DE CV ; H. Matamoros, Tamps					
2654	COMP+CAN	1/8	3.0TTG (MC)		UA	3061	COMP+CAN	1/8	3.0TPG (m)		UA
2957	COMP+CAN	3/16	5.0TTG (MC)		UA	5050	COMP+CAN	5/32	4.0TPG (m)		UA
2656	COMP+CAN	1/4	6.0TTG (MC)		UA	2550	COMP+CAN	3/16	5.0TPG (m)		UA
2958	COMP+CAN	3/8	10.0TTG		UA	3060	COMP+CAN	1/4	6.0TPG (s)		UA
2657	COMP+CAN	1/2	12.0TTG		UA	Temp Glass Inc. ; El Paso, TX					
6391	COMP+CAN	(S)	6LTG (b)(A)	(.030)	UA	6698	COMPOSITE	3/16	5.0TTG		UA
6392	COMP+CAN	(H)	8-16+LTG (b)(A)	(.030)	UA	6699	COMPOSITE	1/4	6.0TTG (MC)		UA
6393	COMP+CAN	(H)	8-16+LTG (ip)(A)	(.060)	UA	6700	COMPOSITE	3/8	10.0TTG		UA
Tacoma Glass Mfg. Inc. ; Burlington, WA						Tempco Glass ; Flushing, NY					
5165	COMPOSITE	1/4	6.0TTG (MC)		UA	6701	COMPOSITE	1/2	12.0TTG		UA
5166	COMPOSITE	3/8	10.0TTG		UA	Tempco Glass ; Flushing, NY					
5167	COMPOSITE	1/2	12.0TTG		UA	6715	COMPOSITE	1/8	3.0TTG (MC)		UA
Tacoma Glass Mfg. Inc. ; Tacoma, WA						Tempco Glass ; Flushing, NY					
8188	COMPOSITE	1/4	6.0TTG (MC)		UA	5010	COMPOSITE	3/16	5.0TTG (MC)		UA
8189	COMPOSITE	3/8	10.0TTG		UA	5011	COMPOSITE	1/4	6.0TTG (MC)		UA
8190	COMPOSITE	1/2	12.0TTG		UA	7285	COMPOSITE	5/16	8.0TTG		UA
8186	COMPOSITE	(S)	6LTG (b)(A)	(.030)	UA	5012	COMPOSITE	3/8	10.0TTG		UA
8187	COMPOSITE	(H)	8-12LTG (b)(A)	(.030)	UA	5013	COMPOSITE	1/2	12.0TTG		UA
8526	COMP+CAN	(H)	12LTG (ip)(A)	(.060)	UA	Tempco Glass ; Flushing, NY					
Tai Shan City Da Heng Art Glass Ltd. ; Tai Shan, Guangdong Province						Tempco Glass ; Flushing, NY					
3787	COMP+CAN	1/8	3.0TTG		UA	Tempco Glass ; Flushing, NY					
Tai Sheng (Dong Guan) Glass Co.,Ltd ; Dongguan, Guangdong Province						Tempco Glass ; Flushing, NY					
6140	COMP+CAN	1/8	3.0TTG		UA	Tempco Glass ; Flushing, NY					
4870	COMP+CAN	5/32	4.0TTG		UA	Tempco Glass ; Flushing, NY					
5487	COMP+CAN	3/16	5.0TTG		UA	Tempco Glass ; Flushing, NY					
4872	COMP+CAN	1/4	6.0TTG		UA	Tempco Glass ; Flushing, NY					
4873	COMP+CAN	5/16	8.0TTG		UA	Tempco Glass ; Flushing, NY					
5486	COMP+CAN	3/8	10.0TTG		UA	Tempco Glass ; Flushing, NY					
5604	COMP+CAN	1/2	12.0TTG		UA	Tempco Glass ; Flushing, NY					
8503	COMP+CAN	5/32	4.0TPG (m)		UA	Tempco Glass ; Flushing, NY					
6053	COMP+CAN	3/16	5.0TBG		UA	Tempco Glass ; Flushing, NY					
6055	COMP+CAN	1/4	6.0TBG		UA	Tempco Glass ; Flushing, NY					
6142	COMP+CAN	5/16	8.0TBG		UA	Tempco Glass ; Flushing, NY					

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SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI CLASS	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI CLASS
		(THICKNESS CLASS)						(THICKNESS CLASS)			
Tempered Glass Industries, INC. ; Clearwater, FL						Thermalsun Glass Products ; Santa Rosa, CA					
8490	COMPOSITE	5/32	4.0TTG		UA	6265	COMPOSITE	1/8	3.0TTG (MC)		UA
8491	COMPOSITE	1/4	6.0TTG		UA	6266	COMPOSITE	5/32	4.0TTG (MC)		UA
8493	COMPOSITE	1/2	12.0TTG		UA	6267	COMPOSITE	3/16	5.0TTG (MC)		UA
8494	COMPOSITE	3/8	10.0TPG (s)		UA	6268	COMPOSITE	1/4	6.0TTG (MC)		UA
Templados Del Centro SA DE C.V. ; Irapuato, Guanajuato						Thermo BSL ; Riviere-du-loup, Quebec					
6170	COMP+CAN	(H)	10LTG (b)(A)	(.060)	UA	4290	COMP+CAN	1/8	3.0TTG (MC)		UA
6019	COMP+CAN	(H)	12LTG (b)(A)	(.030)	UA	4291	COMP+CAN	5/32	4.0TTG (MC)		UA
Templados Industriales S.A. de C.V. ; Chihuahua, Chihuahua						Thompson I.G. LLC. ; Fenton, MI					
7880	COMPOSITE	1/4	6.0TTG (MC)		UA	5303	COMP+CAN	1/8	3.0TTG (MC)		UA
7881	COMPOSITE	3/8	10.0TTG		UA	5304	COMP+CAN	3/16	5.0TTG (MC)		UA
TG Qingdao Glass Co., Ltd. ; Qingdao, Shandong						Tianjin CSG Energy Conservation Glass Co., Ltd ; Wuqing District, Tianjin					
8194	COMP+CAN	(S)	6LTG (b)(A)	(.030)	UA	4021	COMP+CAN	5/32	4.0TTG		UA
TG Taicang Architectural Glass Co. Ltd ; Suzhou, Jiangsu						Tianjin Northglass Industrial Technical Co., Ltd ; Baodi District, Tianjin					
7446	COMP+CAN	3/16	5.0TTG		UA	5220	COMPOSITE	5/16	8.0TTG (MC)		UA
7447	COMP+CAN	1/4	6.0TTG		UA	5221	COMPOSITE	*	12.0TTG (MC)(3)		UA
7448	COMP+CAN	5/16	8.0TTG		UA	6044	COMPOSITE	(H)	12LTG (b)(A)	(.060)	UA
7449	COMP+CAN	3/8	10.0TTG		UA	5223	COMPOSITE	(H)	16+LTG (ip)(A)	(.060)	UA
7450	COMP+CAN	1/2	12.0TTG		UA	Tianjin SYP Engineering Glass Co., Ltd. ; Beichen District, Tianjin					
7433	COMP+CAN	(H)	10-12LTG (b)(A)	(.060)	UA	4075	COMP+CAN	3/16	5.0TTG (MC)		UA
TG Tianjin Glass Co., Ltd. ; Jinghai, Tianjin						Thermal Seal Insulating Glass ; Uxbridge, MA					
8473	COMP+CAN	1/4	6.0TTG		UA	4076	COMP+CAN	1/4	6.0TTG (MC)		UA
8474	COMP+CAN	5/16	8.0TTG		UA	4077	COMP+CAN	5/16	8.0TTG (MC)		UA
8475	COMP+CAN	(H)	10LTG (b)(T)	(.060)	UA	4078	COMP+CAN	3/8	10.0TTG (MC)		UA
The Glass Guild Ltd. ; Calgary, Alberta						The Original Frameless Shower Door ; Coral Springs, FL					
8631	COMP+CAN	5/32	4.0TTG		UA	4662	COMPOSITE	3/8	10.0TTG		UA
8632	COMP+CAN	3/16	5.0TTG		UA	4663	COMPOSITE	1/2	12.0TTG		UA
8634	COMP+CAN	3/8	10.0TTG		UA	Thermafix A.J. Inc. ; Baie St. Paul, Quebec					
8635	COMP+CAN	1/2	12.0TTG		UA	8326	COMP+CAN	1/8	3.0TTG (MC)		UA
The Original Frameless Shower Door ; Coral Springs, FL						Thermo BSL ; Riviere-du-loup, Quebec					
4662	COMPOSITE	3/8	10.0TTG		UA	8327	COMP+CAN	5/32	4.0TTG (MC)		UA
4663	COMPOSITE	1/2	12.0TTG		UA	8328	COMP+CAN	3/16	5.0TTG (MC)		UA
Thermafix A.J. Inc. ; Baie St. Paul, Quebec						Thompson I.G. LLC. ; Fenton, MI					
8326	COMP+CAN	1/8	3.0TTG (MC)		UA	5303	COMP+CAN	1/8	3.0TTG (MC)		UA
8327	COMP+CAN	5/32	4.0TTG (MC)		UA	5304	COMP+CAN	3/16	5.0TTG (MC)		UA
8328	COMP+CAN	3/16	5.0TTG (MC)		UA	5305	COMP+CAN	1/4	6.0TTG (MC)		UA
8329	COMP+CAN	1/4	6.0TTG (MC)		UA	5298	COMP+CAN	3/8	10.0TTG		UA
8330	COMP+CAN	3/8	10.0TTG		UA	5299	COMP+CAN	1/2	12.0TTG		UA
8324	COMP+CAN	1/8	3.0TPG (m)		UA	7025	COMP+CAN	(H)	8-12LTG (ip)(A)	(.035)	UA
8665	COMP+CAN	5/32	4.0TPG (m)		UA	8180	COMP+CAN	(H)	8-12LTG (b)(A)	(.030)	UA
8325	COMP+CAN	3/16	5.0TPG (s)		UA	Tianjin CSG Energy Conservation Glass Co., Ltd ; Wuqing District, Tianjin					
Thermal Seal Insulating Glass ; Uxbridge, MA						Tianjin Northglass Industrial Technical Co., Ltd ; Baodi District, Tianjin					
5731	COMPOSITE	1/8	3.0TTG (MC)		UA	4021	COMP+CAN	5/32	4.0TTG		UA
5732	COMPOSITE	5/32	4.0TTG (MC)		UA	4022	COMP+CAN	3/16	5.0TTG		UA
5733	COMPOSITE	3/16	5.0TTG (MC)		UA	4023	COMP+CAN	1/4	6.0TTG		UA
5734	COMPOSITE	1/4	6.0TTG (MC)		UA	4024	COMP+CAN	5/16	8.0TTG		UA
5735	COMPOSITE	3/8	10.0TTG		UA	4025	COMP+CAN	3/8	10.0TTG		UA
5736	COMPOSITE	1/2	12.0TTG		UA	4026	COMP+CAN	1/2	12.0TTG		UA
5730	COMPOSITE	1/8	3.0TPG (s)		UA	4027	COMP+CAN	*	15.0TTG (4)		UA
						Tianjin SYP Engineering Glass Co., Ltd. ; Beichen District, Tianjin					
						4028 COMP+CAN 3/4 19.0TTG UA					
						4030 COMP+CAN (H) 8-16+LTG (b)(A) (.030) UA					
						5220 COMPOSITE 5/16 8.0TTG (MC) UA					
						5221 COMPOSITE * 12.0TTG (MC)(3) UA					
						6044 COMPOSITE (H) 12LTG (b)(A) (.060) UA					
						5223 COMPOSITE (H) 16+LTG (ip)(A) (.060) UA					
						4075 COMP+CAN 3/16 5.0TTG (MC) UA					
						4076 COMP+CAN 1/4 6.0TTG (MC) UA					
						4077 COMP+CAN 5/16 8.0TTG (MC) UA					
						4078 COMP+CAN 3/8 10.0TTG (MC) UA					
						4079 COMP+CAN * 12.0TTG (3)(MC) UA					
						4080 COMP+CAN * 15.0TTG (3)(MC) UA					
						4081 COMP+CAN 3/4 19.0TTG (MC) UA					
						4084 COMP+CAN (H) 8-16+LTG (b)(A) (.030) UA					
						8035 COMP+CAN (H) 10-16+LTG (ip)(A) (.035) UA					

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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
Tomakk Glass Partners, LLC ; Shreveport, LA							Trulite Glass and Aluminum Solutions ; Bradenton, FL						
7736	COMP+CAN	1/8		3.0TTG		UA	5860	COMPOSITE	3/16		5.0TTG		UA
7737	COMP+CAN	3/16		5.0TTG		UA	4225	COMPOSITE	1/4		6.0TTG		UA
7738	COMP+CAN	1/4		6.0TTG (MC)		UA	4226	COMPOSITE	3/8		10.0TTG		UA
7739	COMP+CAN	3/8		10.0TTG		UA	4227	COMPOSITE	1/2		12.0TTG		UA
7740	COMP+CAN	1/2		12.0TTG		UA	7998	COMPOSITE	5/8		16.0TTG		UA
Treaty City Industries Inc. ; Greenville OH							Trulite Glass and Aluminum Solutions ; Cheswick, PA						
8373	COMP+CAN	1/8		3.0TTG		UA	7999	COMPOSITE	3/4		19.0TTG		UA
8374	COMP+CAN	5/32		4.0TTG		UA	6189	COMPOSITE	3/16		5.0TPG (d)		UA
Tristar Glass, Inc. ; Catoosa, OK							Trulite Glass and Aluminum Solutions ; City of Industry, CA						
4004	COMPOSITE	1/8		3.0TTG (MC)		UA	1785	COMPOSITE	3/16		5.0TTG		UA
4005	COMPOSITE	5/32		4.0TTG		UA	1786	COMPOSITE	1/4		6.0TTG (MC)		UA
4006	COMPOSITE	3/16		5.0TTG (MC)		UA	8576	COMPOSITE	5/16		8.0TTG		UA
4007	COMPOSITE	1/4		6.0TTG (MC)		UA	1787	COMPOSITE	3/8		10.0TTG		UA
7072	COMPOSITE	5/16		8.0TTG		UA	1788	COMPOSITE	1/2		12.0TTG		UA
4008	COMPOSITE	3/8		10.0TTG (MC)		UA	4134	COMPOSITE	5/8		16.0TTG		UA
4009	COMPOSITE	1/2		12.0TTG		UA	4135	COMPOSITE	3/4		19.0TTG		UA
7073	COMPOSITE	3/4		19.0TTG		UA	1790	COMPOSITE	3/16		5.0TPG (s)		UA
7590	COMPOSITE	5/32		4.0TPG (s)		UA	4453	COMPOSITE	3/8		10.0TPG (s)		UA
4011	COMPOSITE	3/16		5.0TPG (m)		UA	Trulite Glass and Aluminum Solutions ; Columbus, OH						
5441	COMPOSITE	(S)		6LTG (b)(A)	(.030)	UA	4184	COMPOSITE	3/16		5.0TTG (MC)		UA
4411	COMPOSITE	(H)		10-16+LTG (b)(A)	(.030)	UA	4185	COMPOSITE	1/4		6.0TTG (MC)		UA
Tristar Glass, Inc. ; Grand Prairie, TX							Trulite Glass and Aluminum Solutions ; Columbus, OH						
5109	COMPOSITE	1/4		6.0TTG (MC)		UA	4186	COMPOSITE	3/8		10.0TTG		UA
Tristar Glass, Inc. ; Houston, TX							Trulite Glass and Aluminum Solutions ; Columbus, OH						
5762	COMPOSITE	1/4		6.0TTG		UA	4187	COMPOSITE	1/2		12.0TTG		UA
7080	COMPOSITE	5/16		8.0TTG		UA	4522	COMPOSITE	5/8		16.0TTG		UA
7081	COMPOSITE	3/8		10.0TTG		UA	4371	COMPOSITE	3/4		19.0TTG		UA
Triton Glass LLC ; Albemarle, NC							Trulite Glass and Aluminum Solutions ; Columbus, OH						
5690	COMPOSITE	1/8		3.0TTG (MC)		UA	4233	COMPOSITE	(S)		6LTG (b)(A)	(.030)	UA
5691	COMPOSITE	3/16		5.0TTG (MC)		UA	6010	COMPOSITE	(H)		8-16+LTG (b)(A)	(.030)	UA
5692	COMPOSITE	1/4		6.0TTG (MC)		UA	6011	COMPOSITE	(H)		10-16+ LTG (ip)(A)	(.060)	UA
5693	COMPOSITE	3/8		10.0TTG		UA	Trulite Glass and Aluminum Solutions ; Columbus, OH						
5694	COMPOSITE	1/2		12.0TTG		UA	4745	COMPOSITE	1/8		3.0TTG		UA
Trulite Glass & Aluminum Solutions Canada, ULC ; Bois-des-Filion, Quebec							Trulite Glass and Aluminum Solutions ; Columbus, OH						
6061	COMP+CAN	3/16		5.0TTG		UA	8362	COMPOSITE	5/32		4.0TTG		UA
6062	COMP+CAN	1/4		6.0TTG		UA	4746	COMPOSITE	3/16		5.0TTG		UA
6063	COMP+CAN	5/16		8.0TTG		UA	4747	COMPOSITE	1/4		6.0TTG		UA
6064	COMP+CAN	3/8		10.0TTG		UA	8191	COMPOSITE	5/16		8.0TTG		UA
6065	COMP+CAN	1/2		12.0TTG		UA	6159	COMPOSITE	3/8		10.0TTG		UA
6066	COMP+CAN	5/8		16.0TTG		UA	4748	COMPOSITE	1/2		12.0TTG		UA
6067	COMP+CAN	3/4		19.0TTG		UA	6165	COMPOSITE	1/8		3.0TPG (m)		UA
Trulite Glass and Aluminum Solutions ; Aurora, CO							Trulite Glass and Aluminum Solutions ; Columbus, OH						
5341	COMPOSITE	1/8		3.0TTG		UA	6166	COMPOSITE	5/32		4.0TPG (d)		UA
5348	COMPOSITE	5/32		4.0TTG		UA	6167	COMPOSITE	3/16		5.0TPG (m)		UA
6613	COMPOSITE	3/16		5.0TTG (MC)		UA	6168	COMPOSITE	1/4		6.0TPG (m)		UA
5343	COMPOSITE	1/4		6.0TTG (MC)		UA	6169	COMPOSITE	3/8		10.0TPG (s)		UA
5344	COMPOSITE	3/8		10.0TTG		UA	7459	COMPOSITE	(S)		6LTG (b)(A)	(.030)	UA
5345	COMPOSITE	1/2		12.0TTG		UA	7460	COMPOSITE	(S)		6LTG (ip)(A)	(.035)	UA
5346	COMPOSITE	3/4		19.0TTG		UA	7461	COMPOSITE	(H)		8-16+LTG (b)(A)	(.030)	UA
5349	COMPOSITE	3/16		5.0TPG (m)		UA	7525	COMPOSITE	(H)		8-16+LTG (ip)(A)	(.035)	UA
5350	COMPOSITE	3/8		10.0TPG (s)		UA							

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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)			
Trulite Glass and Aluminum Solutions ; Fort Worth, TX						Trulite Glass and Aluminum Solutions ; Las Vegas, NV					
5397	COMPOSITE	5/32	4.0TTG		UA	4210	COMPOSITE	1/8	3.0TTG (MC)		UA
5398	COMPOSITE	3/16	5.0TTG (MC)		UA	4212	COMPOSITE	3/16	5.0TTG (MC)		UA
5399	COMPOSITE	1/4	6.0TTG (MC)		UA	4213	COMPOSITE	1/4	6.0TTG (MC)		UA
5400	COMPOSITE	3/8	10.0TTG		UA	4214	COMPOSITE	3/8	10.0TTG		UA
5401	COMPOSITE	1/2	12.0TTG		UA	4215	COMPOSITE	1/2	12.0TTG		UA
6389	COMPOSITE	5/8	16.0TTG		UA	4216	COMPOSITE	3/4	19.0TTG		UA
6388	COMPOSITE	3/4	19.0TTG		UA	4217	COMPOSITE	1/8	3.0TPG (s)		UA
5404	COMPOSITE	3/16	5.0TPG (m)		UA	4219	COMPOSITE	3/16	5.0TPG (m)		UA
5405	COMPOSITE	3/8	10.0TPG (m)		UA	4220	COMPOSITE	1/4	6.0TPG (s)		UA
3603	COMPOSITE	(S)	6LTG (b)(A)	(.030)	UA	4221	COMPOSITE	3/8	10.0TPG (s)		UA
5728	COMPOSITE	(H)	8-16+LTG (ip)(A)	(.035)	UA	Trulite Glass and Aluminum Solutions ; Lithia Springs, GA					
5783	COMPOSITE	(H)	8-16+LTG (b)(A)	(.030)	UA	6102	COMP+CAN	3/16	5.0TTG		UA
Trulite Glass and Aluminum Solutions ; Grenada, MS						6103	COMP+CAN	1/4	6.0TTG		UA
2787	COMPOSITE	1/8	3.0TTG (MC)		UA	6104	COMP+CAN	3/8	10.0TTG		UA
2788	COMPOSITE	3/16	5.0TTG (MC)		UA	6105	COMP+CAN	1/2	12.0TTG		UA
2789	COMPOSITE	1/4	6.0TTG (MC)		UA	6106	COMP+CAN	5/8	16.0TTG		UA
2840	COMPOSITE	3/8	10.0TTG (MC)		UA	6107	COMP+CAN	3/4	19.0TTG		UA
6769	COMPOSITE	(S)	5LTG (b)(A)	(.030)	UA	6113	COMP+CAN	3/16	5.0TPG (m)		UA
6615	COMPOSITE	(H)	8LTG (b)(A)	(.060)	UA	6114	COMP+CAN	1/4	6.0TPG (m)(IN)		UA
4744	COMPOSITE	(H)	10-16+LTG (b)(A)	(.030)	UA	6115	COMP+CAN	3/8	10.0TPG (s)		UA
5898	COMPOSITE	(H)	10-12LTG (ip)(A)	(.035)	UA	6108	COMP+CAN	(S)	6LTG (b)(A)	(.030)	UA
Trulite Glass and Aluminum Solutions ; Houston, TX						6110	COMP+CAN	(S)	6LTG (ip)(A)(IN)	(.060)	UA
5432	COMP+CAN	1/8	3.0TTG (MC)		UA	7564	COMP+CAN	(H)	8-16+LTG (ip)(A)	(.060)	UA
7018	COMP+CAN	5/32	4.0TTG		UA	7563	COMP+CAN	(H)	8-16+LTG (b)(A)	(.030)	UA
3925	COMP+CAN	3/16	5.0TTG (MC)		UA	Trulite Glass and Aluminum Solutions ; New Berlin, WI					
5483	COMP+CAN	1/4	6.0TTG (MC)		UA	5876	COMPOSITE	1/8	3.0TTG (MC)		UA
3927	COMP+CAN	3/8	10.0TTG		UA	5318	COMPOSITE	3/16	5.0TTG (MC)		UA
3928	COMP+CAN	1/2	12.0TTG		UA	5877	COMPOSITE	1/4	6.0TTG (MC)		UA
5477	COMP+CAN	5/8	16.0TTG		UA	5320	COMPOSITE	5/16	8.0TTG (MC)		UA
7828	COMP+CAN	3/4	19.0TTG		UA	5321	COMPOSITE	3/8	10.0TTG (MC)		UA
5433	COMP+CAN	1/8	3.0TPG (s)		UA	5322	COMPOSITE	1/2	12.0TTG (MC)		UA
3931	COMP+CAN	3/16	5.0TPG (m)		UA	5896	COMPOSITE	5/8	16.0TTG (MC)		UA
5434	COMP+CAN	(S)	6LTG (b)(A)	(.030)	UA	5897	COMPOSITE	3/4	19.0TTG (MC)		UA
6741	COMP+CAN	(H)	8-16+LTG (b)(A)	(.030)	UA	3430	COMPOSITE	(S)	6LTG (b)(A)	(.030)	UA
6742	COMP+CAN	(H)	10-16+LTG (ip)(A)	(.035)	UA	5936	COMPOSITE	(H)	8-12LTG (b)(A)	(.030)	UA
Trulite Glass and Aluminum Solutions ; Indianapolis, IN						5937	COMPOSITE	(H)	8-16+LTG (ip)(A)	(.060)	UA
4922	COMPOSITE	3/16	5.0TTG (MC)		UA	Trulite Glass and Aluminum Solutions ; Orlando, FL					
4923	COMPOSITE	1/4	6.0TTG (MC)		UA	5183	COMPOSITE	1/8	3.0TTG		UA
4754	COMPOSITE	3/8	10.0TTG		UA	5185	COMPOSITE	3/16	5.0TTG		UA
4753	COMPOSITE	1/2	12.0TTG		UA	5184	COMPOSITE	1/4	6.0TTG		UA
7086	COMPOSITE	5/8	16.0TTG		UA	5186	COMPOSITE	3/8	10.0TTG		UA
8798	COMP+CAN	3/4	19.0TTG		UA	5187	COMPOSITE	1/2	12.0TTG		UA
4750	COMPOSITE	3/16	5.0TPG (s)		UA	5680	COMPOSITE	5/8	16.0TTG		UA
Trulite Glass and Aluminum Solutions ; Knoxville, TN						5189	COMPOSITE	1/8	3.0TPG (s)		UA
4209	COMPOSITE	1/8	3.0TTG (MC)		UA	5190	COMPOSITE	3/16	5.0TPG (m)		UA
4827	COMPOSITE	5/32	4.0TTG		UA	5191	COMPOSITE	1/4	6.0TPG (m)		UA
4152	COMPOSITE	3/16	5.0TTG (MC)		UA	5192	COMPOSITE	3/8	10.0TPG (s)		UA
4153	COMPOSITE	1/4	6.0TTG (MC)		UA	3461	COMPOSITE	(S)	6LTG (b)(A)	(.030)	UA
4158	COMPOSITE	3/8	10.0TTG		UA	5484	COMPOSITE	(H)	8-16+LTG (b)(A)	(.030)	UA
4159	COMPOSITE	1/2	12.0TTG		UA	5485	COMPOSITE	(H)	10-12LTG (ip)(A)	(.060)	UA
4207	COMPOSITE	1/8	3.0TPG (m)		UA						
4981	COMPOSITE	5/32	4.0TPG (m)		UA						
4160	COMPOSITE	3/16	5.0TPG (m)		UA						
5134	COMPOSITE	3/8	10.0TPG (s)		UA						

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SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE ANSI CERTIFIED CLASS	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE ANSI CERTIFIED CLASS
		(THICKNESS CLASS)					(THICKNESS CLASS)		
Trulite Glass and Aluminum Solutions ; Phoenix, AZ					Türkiye Sise ve CamFabrikalar A.S. SisecamDuzcam Bursa FabrikaSubesi ; Yenisehir, Bursa				
5701	COMPOSITE	5/32	4.0TTG	UA	8479	COMP+CAN (S)	6LTG (b)(A)	(.015)	UA
5702	COMPOSITE	3/16	5.0TTG (MC)	UA	8193	COMP+CAN (H)	8-12LTG (b)(A)	(.015)	UA
5746	COMPOSITE	1/4	6.0TTG (MC)	UA	Tvitec System Glass ; Cubillo del Sil, Spain				
5703	COMPOSITE	3/8	10.0TTG	UA	7573	COMP+CAN (H)	10LTG (b)(A)	(.060)	UA
5704	COMPOSITE	1/2	12.0TTG	UA	7370	COMP+CAN (H)	10-16+LTG (b)(A)	(.030)	UA
7878	COMPOSITE	5/32	4.0TPG (d)	UA	5519	COMP+CAN (H)	12, 16+LTG (ip)(A)	(.035)	UA
5706	COMPOSITE	3/16	5.0TPG (m)	UA	Tweddells Inc. ; Santa Ana, CA				
6759	COMPOSITE	1/4	6.0TPG (s)	UA	5384	COMP+CAN 1/8	3.0TTG		UA
5747	COMPOSITE	3/8	10.0TPG (s)	UA	4993	COMP+CAN 3/16	5.0TTG (MC)		UA
Trulite Glass and Aluminum Solutions ; Salt Lake City, UT					5385	COMP+CAN 1/4	6.0TTG		UA
6447	COMPOSITE	1/8	3.0TTG (MC)	UA	5386	COMP+CAN 3/8	10.0TTG		UA
5337	COMPOSITE	3/16	5.0TTG (MC)	UA	U.S. Glass Distributors Inc. ; Enfield, CT				
5338	COMPOSITE	1/4	6.0TTG (MC)	UA	5921	COMP+CAN 1/8	3.0TTG (MC)		UA
5339	COMPOSITE	3/8	10.0TTG	UA	5922	COMP+CAN 3/16	5.0TTG (MC)		UA
5340	COMPOSITE	1/2	12.0TTG	UA	5923	COMP+CAN 1/4	6.0TTG (MC)		UA
7580	COMPOSITE	5/8	16.0TTG	UA	5924	COMP+CAN 5/16	8.0TTG		UA
6006	COMPOSITE	3/16	5.0TPG (m)	UA	5925	COMP+CAN 3/8	10.0TTG		UA
6007	COMPOSITE	1/4	6.0TPG (m)	UA	5926	COMP+CAN 1/2	12.0TTG		UA
6008	COMPOSITE	3/8	10.0TPG (s)	UA	5927	COMP+CAN 5/8	16.0TTG		UA
Trulite Glass and Aluminum Solutions ; Tulsa, OK					6157	COMP+CAN 3/4	19.0TTG		UA
5687	COMPOSITE	1/8	3.0TTG	UA	5917	COMP+CAN 5/32	4.0TPG (d)		UA
5443	COMPOSITE	5/32	4.0TTG	UA	5918	COMP+CAN 3/16	5.0TPG (m)		UA
5444	COMPOSITE	3/16	5.0TTG	UA	5920	COMP+CAN 3/8	10.0TPG (s)(IN)		UA
5445	COMPOSITE	1/4	6.0TTG	UA	7619	COMP+CAN (S)	6LTG (ip)(A)	(.035)	UA
5446	COMPOSITE	3/8	10.0TTG	UA	6864	COMP+CAN (H)	10,16+LTG (ip)(A)	(.035)	UA
5447	COMPOSITE	1/2	12.0TTG	UA	Uniglass ; Riyadh, Saudi Arabia				
5688	COMPOSITE	1/8	3.0TPG (s)	UA	8404	COMP+CAN 1/4	6.0TTG		UA
5448	COMPOSITE	5/32	4.0TPG (d)	UA	7030	COMPOSITE 5/16	8.0TTG		UA
5449	COMPOSITE	3/16	5.0TPG (m)	UA	7031	COMPOSITE 3/8	10.0TTG		UA
5451	COMPOSITE	3/8	10.0TPG (s)	UA	7032	COMPOSITE *	12.0TTG (7)		UA
Trulite Glass and Aluminum Solutions ; Woodbridge, Ontario					8405	COMP+CAN (H)	12LTG (b)(A)	(.030)	UA
5507	COMP+CAN	5/32	4.0TTG (MC)	UA	United Plate Glass Co., Inc. ; Butler, PA				
5508	COMP+CAN	3/16	5.0TTG (MC)	UA	2467	COMP+CAN 1/8	3.0TTG (MC)		UA
5509	COMP+CAN	1/4	6.0TTG (MC)	UA	2468	COMP+CAN 3/16	5.0TTG (MC)		UA
5510	COMP+CAN	5/16	8.0TTG (MC)	UA	2469	COMP+CAN 1/4	6.0TTG (MC)		UA
5511	COMP+CAN	3/8	10.0TTG	UA	2470	COMP+CAN 3/8	10.0TTG		UA
5782	COMP+CAN	1/2	12.0TTG	UA	2471	COMP+CAN 1/2	12.0TTG		UA
5631	COMP+CAN (S)		6LTG (b)(A)	(.030) UA	6375	COMP+CAN 5/32	4.0TPG (m)		UA
7290	COMP+CAN (H)		8-16+LTG (b)(A)	(.030) UA	6250	COMP+CAN (S)	6LTG (ip)(A)	(.035)	UA
Trulite Glass and Aluminum Solutions ; Youngsville, NC					6224	COMP+CAN (S)	6LTG (b)(A)	(.030)	UA
5517	COMPOSITE	5/32	4.0TTG	UA	6251	COMP+CAN (H)	8-16+LTG (ip)(A)	(.035)	UA
5273	COMPOSITE	3/16	5.0TTG (MC)	UA	6225	COMP+CAN (H)	8-16+LTG (b)(A)	(.030)	UA
5274	COMPOSITE	1/4	6.0TTG	UA	United Plate Glass Company of Charlotte ; Lincolnton, NC				
5518	COMPOSITE	5/16	8.0TTG	UA	3948	COMP+CAN 1/8	3.0TTG (MC)		UA
5275	COMPOSITE	3/8	10.0TTG	UA	4197	COMPOSITE 5/32	4.0TTG		UA
5276	COMPOSITE	1/2	12.0TTG	UA	3949	COMP+CAN 3/16	5.0TTG (MC)		UA
6009	COMPOSITE	5/8	16.0TTG	UA	3950	COMP+CAN 1/4	6.0TTG (MC)		UA
5277	COMPOSITE	3/4	19.0TTG	UA	3951	COMP+CAN 3/8	10.0TTG		UA
5279	COMPOSITE	3/16	5.0TPG (m)	UA	3952	COMP+CAN 1/2	12.0TTG (MC)		UA
6187	COMPOSITE	3/8	10.0TPG (s)	UA	3954	COMP+CAN 1/8	3.0TPG (s)		UA
7951	COMPOSITE (S)		6LTG (b)(A)	(.030) UA	4636	COMPOSITE 5/32	4.0TPG (m)		UA
7599	COMPOSITE H		8.0LTG (b)(A)	(.030) UA	3955	COMP+CAN 3/16	5.0TPG (s)		UA
7705	COMPOSITE (H)		10-16+LTG (ip)(A)	(.060) UA					

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SGCC#	TEST STD	INCHES (THICKNESS CLASS)	(MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI CLASS	SGCC#	TEST STD	INCHES (THICKNESS CLASS)	(MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI CLASS
United Plate Glass of Maryland LLC ; Frederick, MD							Vetrieria F. Illi Paci S.R.L. ; Seregno, Province of Monza and Brianza						
7889	COMP+CAN	3/16		5.0TTG		UA	8105	COMPOSITE	1/4		6.0TTG		UA
7890	COMP+CAN	1/4		6.0TTG		UA	7855	COMPOSITE	5/16		8.0TTG		UA
7891	COMP+CAN	3/8		10.0TTG		UA	7856	COMPOSITE	3/8		10.0TTG		UA
7892	COMP+CAN	1/2		12.0TTG		UA	7857	COMPOSITE	1/2		12.0TTG		UA
Unitex Glass Chengdu Co., Ltd ; Chengdu, Sichuan							Vetriko S.A. ; Duran, Guayas						
5462	COMP+CAN	1/8		3.0TTG		UA	8769	COMPOSITE	1/4		6.0TTG		UA
5463	COMP+CAN	5/32		4.0TTG		UA	8770	COMPOSITE	5/16		8.0TTG		UA
5407	COMP+CAN	3/16		5.0TTG		UA	8771	COMPOSITE	3/8		10.0TTG		UA
5408	COMP+CAN	1/4		6.0TTG		UA	8772	COMPOSITE (S)			6LTG (ev)(A)	(.015)	UA
6519	COMP+CAN	5/16		8.0TTG		UA	8773	COMPOSITE (H)			8-12LTG (ev)(A)	(.015)	UA
5414	COMP+CAN	3/8		10.0TTG		UA	Vetrodomus SpA ; Brescia, Province of Brescia						
6520	COMP+CAN	1/2		12.0TTG		UA	7492	COMPOSITE	1/4		6.0TTG (MC)		UA
8684	COMP+CAN (H)			16+LTG (b)(T)	(.060)	UA	7493	COMPOSITE	5/16		8.0TTG (MC)		UA
Upstate Glass Tempering Inc. ; Middletown, NY							V-Glass LLC DBA: Creative Glass Processing (CGP) ; Lehigh Acres, FL						
4926	COMPOSITE	1/8		3.0TTG		UA	7494	COMPOSITE	3/8		10.0TTG (MC)		UA
5157	COMPOSITE	1/4		6.0TTG		UA	7495	COMPOSITE (H)			8,10LTG (b)(A)	(.030)	UA
4927	COMPOSITE	3/8		10.0TTG		UA	Vidrio Bisel S.A. de C.V. (Santa Catarina) ; Monterrey, Nuevo Leon						
5158	COMPOSITE	1/2		12.0TTG		UA	4966	COMP+CAN	1/4		6.0TTG		UA
6743	COMPOSITE	5/8		16.0TTG (IN)		UA	4967	COMP+CAN	3/8		10.0TTG		UA
US Glass Tempering Inc. ; San Leandro, CA							Vidrio Plano De Mexico S.A. DE C.V. ; Garcia Nuevo Leon, Nuevo Leon						
7156	COMPOSITE	1/8		3.0TTG		UA	7735	COMP+CAN	1/8		3.0TTG (MC)		UA
7159	COMPOSITE	3/16		5.0TTG		UA	8381	COMP+CAN	5/32		4.0TTG		UA
7157	COMPOSITE	1/4		6.0TTG		UA	8382	COMP+CAN	3/16		5.0TTG		UA
7160	COMPOSITE	3/8		10.0TTG		UA	8383	COMP+CAN	1/4		6.0TTG		UA
7161	COMPOSITE	1/2		12.0TTG		UA	View Inc. ; Olive Branch, MS						
7996	COMPOSITE	3/8		10.0TPG (s)		UA	4725	COMPOSITE	1/8		3.0TTG		UA
VA Glass, LLC. ; Ridgeway, VA							Viewrail ; Goshen, IN Ardmore Court						
12	COMPOSITE	3/16		5.0TTG (IN)		UA	4726	COMPOSITE	5/32		4.0TTG		UA
14	COMPOSITE	1/4		6.0TTG		UA	7961	COMPOSITE	3/16		5.0TTG		UA
8116	COMP+CAN	5/16		8.0TTG		UA	4728	COMPOSITE	1/4		6.0TTG (MC)		UA
93	COMPOSITE	3/8		10.0TTG		UA	7107	COMPOSITE	5/16		8.0TTG (MC)		UA
94	COMPOSITE	1/2		12.0TTG		UA	7108	COMPOSITE	3/8		10.0TTG (MC)		UA
2182	COMPOSITE	5/8		16.0TTG		UA	6390	COMPOSITE (S)			6LTG (b)(A)	(.030)	UA
95	COMPOSITE	3/4		19.0TTG		UA	7711	COMPOSITE (H)			8LTG (b)(A)	(.030)	UA
5194	COMPOSITE (H)			10-16+LTG (ip)(A)	(.035)	UA	8217	COMPOSITE (H)			8LTG (ip)(A)	(.060)	UA
8376	COMPOSITE (H)			12-16+LTG (b)(A)	(.030)	UA	Viewrail ; Goshen, IN Eisenhower Dr. South						
Valentini Glass & Components srl ; Calcinato, Province of Brescia							Viewrail ; Goshen, IN Eisenhower Dr. South						
2423	COMPOSITE	5/32		4.0TTG (MC)		UA	8422	COMP+CAN	3/8		10.0TTG		UA
7825	COMPOSITE	3/16		5.0TTG (MC)		UA	7607	COMP+CAN	1/2		12.0TTG		UA
6816	COMPOSITE *			12.0TTG (3)		UA	Viewrail ; Goshen, IN Eisenhower Dr. South						
4246	COMPOSITE	5/32		4.0TBG (MC)		UA	8423	COMP+CAN (H)			12LTG (ip)(A)	(.035)	UA
7826	COMPOSITE	3/16		5.0TBG (MC)		UA							
2898	COMPOSITE	1/4		6.0TBG (MC)		UA							
vandaglas Eckelt GmbH ; Steyr, Austria													
2850	COMPOSITE	1/4		6.0TTG		UA							
2851	COMPOSITE	5/16		8.0TTG		UA							
2852	COMPOSITE	3/8		10.0TTG		UA							
2853	COMPOSITE *			12.0TTG (4)		UA							
2854	COMPOSITE *			15.0TTG (4)		UA							
2855	COMPOSITE	3/4		19.0TTG		UA							
6825	COMPOSITE (H)			8,12,16+LTG (b)(A)	(.030)	UA							
6901	COMPOSITE (H)			10-16+LTG (ip)(A)	(.060)	UA							

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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
Viracon Inc. ; Owatonna, MN							Vitro Flat Glass, LLC ; Wichita Falls, TX						
4354	COMP+CAN	5/32		4.0TTG		UA	1110	COMP+CAN	1/8		3.0TTG		UA
1403	COMP+CAN	3/16		5.0TTG (MC)		UA	1111	COMP+CAN	5/32		4.0TTG		UA
1404	COMP+CAN	1/4		6.0TTG (MC)		UA	1112	COMP+CAN	3/16		5.0TTG		UA
3689	COMP+CAN	5/16		8.0TTG (MC)		UA	1113	COMP+CAN	1/4		6.0TTG		UA
1508	COMP+CAN	3/8		10.0TTG (MC)		UA	3577	COMP+CAN	5/16		8.0TTG		UA
1509	COMP+CAN	1/2		12.0TTG		UA	3578	COMP+CAN	3/8		10.0TTG		UA
1637	COMP+CAN	(S)		6LTG (b)(A)	(.030)	UA	Vitrum Industries Ltd. ; Langley, British Columbia						
4250	COMP+CAN	(H)		8-16+LTG (ip)(A)	(.060)	UA	7723	COMP+CAN	1/8		3.0TTG (MC)		UA
4249	COMP+CAN	(H)		8-16+LTG (b)(A)	(.030)	UA	7118	COMP+CAN	5/32		4.0TTG (MC)		UA
8403	COMP+CAN	(H)		12-16+LSP (b)(A)	(.060X2 EC)	UA	7119	COMP+CAN	3/16		5.0TTG (MC)		UA
Vision En Cristal Y Aluminio SA DE CV ; Nuevo Leon, Mexico							7117	COMP+CAN	1/4		6.0TTG (MC)		UA
8692	COMP+CAN	5/32		4.0TTG (MC)		UA	7120	COMP+CAN	5/16		8.0TTG (MC)		UA
8693	COMP+CAN	1/4		6.0TTG (MC)		UA	8291	COMP+CAN	3/8		10.0TTG (MC)		UA
8694	COMP+CAN	3/8		10.0TTG		UA	7122	COMP+CAN	1/2		12.0TTG		UA
Vista Glass Corporation ; Vaughan, Ontario							8292	COMP+CAN	5/8		16.0TTG		UA
8444	COMP+CAN	3/16		5.0TTG		UA	7381	COMP+CAN	3/4		19.0TTG		UA
8445	COMP+CAN	1/4		6.0TTG (MC)		UA	7720	COMP+CAN	1/8		3.0TPG (s)		UA
8446	COMP+CAN	5/16		8.0TTG		UA	7721	COMP+CAN	5/32		4.0TPG (m)		UA
8447	COMP+CAN	3/8		10.0TTG		UA	7722	COMP+CAN	3/16		5.0TPG (m)		UA
8448	COMP+CAN	1/2		12.0TTG		UA	7790	COMP+CAN	1/4		6.0TPG (m)		UA
Vistamatic, LLC ; Coral Springs, FL							7871	COMP+CAN	(S)		6LTG (b)(A)	(.030)	UA
6535	COMPOSITE	5/32		4.0TTG		UA	8628	COMP+CAN	(S)		6LTG (ip)(A)	(.035)	UA
6536	COMPOSITE	3/16		5.0TTG		UA	Vitrum Industries Ltd. (Calgary) ; Rocky View County, Alberta						
6537	COMPOSITE	1/4		6.0TTG		UA	7530	COMP+CAN	5/32		4.0TTG		UA
6538	COMPOSITE	3/8		10.0TTG		UA	7531	COMP+CAN	3/16		5.0TTG		UA
6539	COMPOSITE	1/2		12.0TTG		UA	7532	COMP+CAN	1/4		6.0TTG		UA
Vitelsa Mosquera ; Bogota, Cundinamarca							7533	COMP+CAN	5/16		8.0TTG		UA
7719	COMPOSITE	3/8		10.0TTG		UA	7534	COMP+CAN	3/8		10.0TTG		UA
7401	COMPOSITE	1/2		12.0TTG		UA	7535	COMP+CAN	1/2		12.0TTG		UA
6865	COMPOSITE	(H)		8-12LTG (b)(A)	(.030)	UA	8284	COMP+CAN	(H)		12LSP (b)(A)	(.030)X2	UA
6866	COMPOSITE	(H)		8-16+LTG (ip)(A)	(.035)	UA	Viwinco, Inc. ; Morgantown, PA						
Vitemex ; Reynosa, Tamaulipas							3074	COMPOSITE	1/8		3.0TTG (MC)		UA
5393	COMP+CAN	1/4		6.0TTG		UA	3405	COMPOSITE	3/16		5.0TTG (MC)		UA
5394	COMP+CAN	3/8		10.0TTG		UA	6803	COMPOSITE	1/8		3.0TPG (s)		UA
5395	COMP+CAN	1/2		12.0TTG		UA	6374	COMPOSITE	(H)		8-12LTG (ip)(A)	(.090)	UA
Vitalum Glass Solutions Inc. ; Altamonte Springs, FL							3408	COMPOSITE	(H)		8LTG (b)(A)	(.090)	UA
7853	COMPOSITE	3/8		10.0TTG		UA	W. A. Wilson Inc. ; Wheeling, WV						
8107	COMPOSITE	1/2		12.0TTG		UA	4169	COMPOSITE	1/8		3.0TTG		UA
Vitro Architectural Glass ; Barrie, Ontario							4170	COMPOSITE	3/16		5.0TTG		UA
5207	COMP+CAN	1/8		3.0TTG		UA	4171	COMPOSITE	1/4		6.0TTG (MC)		UA
5204	COMP+CAN	5/32		4.0TTG		UA	4172	COMPOSITE	3/8		10.0TTG		UA
5205	COMP+CAN	3/16		5.0TTG		UA	4173	COMPOSITE	1/2		12.0TTG		UA
5206	COMP+CAN	1/4		6.0TTG		UA	5173	COMPOSITE	1/8		3.0TPG (d)		UA
7083	COMP+CAN	5/32		4.0TPG (m)		UA	Vitro Flat Glass, LLC ; Carlisle, PA						
Vitro Flat Glass, LLC ; Carlisle, PA							250	COMP+CAN	1/8		3.0TTG (MC)		UA
250	COMP+CAN	1/8		3.0TTG (MC)		UA	675	COMP+CAN	5/32		4.0TTG (MC)		UA
675	COMP+CAN	5/32		4.0TTG (MC)		UA	249	COMP+CAN	3/16		5.0TTG (MC)		UA
249	COMP+CAN	3/16		5.0TTG (MC)		UA	382	COMP+CAN	1/4		6.0TTG (MC)		UA
382	COMP+CAN	1/4		6.0TTG (MC)		UA							

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SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI CLASS	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI CLASS
		(THICKNESS CLASS)						(THICKNESS CLASS)			
W.C.P., Inc dba West Coast Insulated Glass Products ; Cerritos, CA						Window Creations, LLC ; Fort Jennings, OH					
6084	COMP+CAN	1/8	3.0TTG (MC)		UA	8127	COMP+CAN	3/16	5.0TTG		UA
6085	COMP+CAN	5/32	4.0TTG (MC)		UA	8128	COMP+CAN	1/4	6.0TTG		UA
6086	COMP+CAN	3/16	5.0TTG (MC)		UA	8129	COMP+CAN	3/8	10.0TTG		UA
6087	COMP+CAN	1/4	6.0TTG (MC)		UA	8130	COMP+CAN	1/2	12.0TTG (IN)		UA
8181	COMP+CAN	5/16	8.0TTG (MC)		UA	WinTech ; Monett, MO					
7075	COMP+CAN	3/8	10.0TTG (MC)		UA	6433	COMP+CAN	1/8	3.0TTG (MC)		UA
7076	COMP+CAN	1/2	12.0TTG		UA	6434	COMP+CAN	1/4	6.0TTG (MC)		UA
6088	COMP+CAN	1/8	3.0TPG (s)		UA	Wisconsin Shower Door & Supply Corp ; Menomonee Falls, WI					
6089	COMP+CAN	5/32	4.0TPG (m)		UA	5585	COMPOSITE	1/8	3.0TTG (MC)		UA
6090	COMP+CAN	3/16	5.0TPG (d)		UA	5587	COMPOSITE	3/16	5.0TTG (MC)		UA
8014	COMP+CAN	(S)	6LTG (ip)(A)	(.035)	UA	5588	COMPOSITE	1/4	6.0TTG		UA
6091	COMP+CAN	(S)	6LTG (b)(A)	(.030)	UA	5589	COMPOSITE	3/8	10.0TTG		UA
7077	COMP+CAN	(H)	8-16+LTG (ip)(A)	(.035)	UA	5590	COMPOSITE	1/2	12.0TTG (MC)		UA
6092	COMP+CAN	(H)	8-16+LTG (b)(A)	(.030)	UA	5592	COMPOSITE	1/8	3.0TPG (s)		UA
Washington Glass Fabrication LLC. ; Manassas, VA						5594	COMPOSITE	3/16	5.0TPG (s)		UA
8536	COMPOSITE	1/4	6.0TTG		UA	5595	COMPOSITE	1/4	6.0TPG (m)		UA
8537	COMPOSITE	3/8	10.0TTG		UA	5596	COMPOSITE	3/8	10.0TPG (m)		UA
8538	COMPOSITE	1/2	12.0TTG		UA	5597	COMPOSITE	1/2	12.0TPG (m)		UA
West Seal Ltd.(AWG Northern Dist.) ; Prince George, British Columbia						Wolverine Glass Products, Inc. ; Wyoming, MI					
8689	COMP+CAN	5/32	4.0TTG (MC)		UA	8036	COMP+CAN	1/8	3.0TTG (MC)		UA
8690	COMP+CAN	3/16	5.0TTG (MC)		UA	7981	COMP+CAN	5/32	4.0TTG		UA
8691	COMP+CAN	1/4	6.0TTG (MC)		UA	7982	COMP+CAN	3/16	5.0TTG		UA
Wexford Viking Glass Limited ; Wexford, Leinster						8037	COMP+CAN	1/4	6.0TTG (MC)		UA
8287	COMP+CAN	1/4	6.0TTG		UA	7983	COMP+CAN	5/16	8.0TTG		UA
Whalley Glass Co ; Derby, CT						7984	COMP+CAN	3/8	10.0TTG		UA
8808	COMPOSITE	1/8	3.0TTG		UA	7985	COMP+CAN	1/2	12.0TTG		UA
6227	COMPOSITE	3/16	5.0TTG		UA	7986	COMP+CAN	1/8	3.0TPG (m)		UA
6228	COMPOSITE	1/4	6.0TTG		UA	7987	COMP+CAN	5/32	4.0TPG (d)		UA
6229	COMPOSITE	3/8	10.0TTG		UA	Woodbridge Glass Distribution Inc. ; Concord, Ontario					
White Aluminum Enterprises LLC ; Abu Dhabi, United Arab Emirates						7896	COMP+CAN	1/8	3.0TTG		UA
7085	COMP+CAN	5/32	4.0TTG		UA	7897	COMP+CAN	5/32	4.0TTG		UA
4598	COMP+CAN	1/4	6.0TTG		UA	7898	COMP+CAN	3/16	5.0TTG (MC)		UA
4597	COMP+CAN	5/16	8.0TTG		UA	7899	COMP+CAN	1/4	6.0TTG		UA
7237	COMP+CAN	(H)	8-16+TTG (ip)(T)	(.035)	UA	7900	COMP+CAN	5/16	8.0TTG		UA
7477	COMP+CAN	3/8	10.0TTG		UA	7901	COMP+CAN	3/8	10.0TTG		UA
7260	COMP+CAN	(H)	8-16+LTG (b)(T)	(.030)	UA	7902	COMP+CAN	1/2	12.0TTG		UA
Wholesale Glass Dist. ; Memphis, TN						7903	COMP+CAN	5/32	4.0TPG (m)		UA
7703	COMPOSITE	1/8	3.0TTG (MC)		UA	7904	COMP+CAN	3/16	5.0TPG (s)		UA
4379	COMPOSITE	3/16	5.0TTG		UA	7905	COMP+CAN	3/8	10.0TPG (s)		UA
4380	COMPOSITE	1/4	6.0TTG (MC)		UA	Woon-Tech Inc. ; Whitinsville, MA					
4381	COMPOSITE	3/8	10.0TTG		UA	6364	COMP+CAN	1/8	3.0TTG		UA
4382	COMPOSITE	1/2	12.0TTG		UA	6365	COMP+CAN	5/32	4.0TTG		UA
WHTB Glass, LLC ; Shirley, NY						6366	COMP+CAN	3/16	5.0TTG		UA
7741	COMP+CAN	3/16	5.0TTG (MC)		UA	6367	COMP+CAN	1/4	6.0TTG		UA
7742	COMP+CAN	1/4	6.0TTG (MC)		UA	6368	COMP+CAN	3/8	10.0TTG		UA
7743	COMP+CAN	5/16	8.0TTG		UA	6369	COMP+CAN	1/2	12.0TTG		UA
7744	COMP+CAN	3/8	10.0TTG		UA	6370	COMP+CAN	5/8	16.0TTG		UA
7745	COMP+CAN	1/2	12.0TTG		UA	6371	COMP+CAN	3/4	19.0TTG		UA
8396	COMP+CAN	(S)	6LTG (b)(A)	(.030)	UA	WSD Glass, Inc. ; Winston-Salem, NC					
7747	COMP+CAN	(H)	10-16+LTG (b)(A)	(.030)	UA	4048	COMPOSITE	3/16	5.0TTG		UA
8223	COMP+CAN	(H)	10LTG (ip)(A)	(.035)	UA	4049	COMPOSITE	1/4	6.0TTG		UA
						4052	COMPOSITE	3/8	10.0TTG		UA
						4050	COMPOSITE	1/2	12.0TTG		UA

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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)			
Wujiang CSG Huadong Architectural Glass Co., LTD ; Suzhou, Jiangsu						Xinyi Group (Glass) Co., Ltd. ; Dongguan, Guangdong Province					
6784	COMPOSITE	3/16	5.0TTG		UA	3085	COMP+CAN	3/16	5.0TTG		UA
6785	COMPOSITE	1/4	6.0TTG		UA	3053	COMP+CAN	1/4	6.0TTG		UA
6786	COMPOSITE	5/16	8.0TTG		UA	4648	COMP+CAN	5/16	8.0TTG		UA
6787	COMPOSITE	3/8	10.0TTG		UA	3054	COMP+CAN	3/8	10.0TTG		UA
6788	COMPOSITE	1/2	12.0TTG		UA	3055	COMP+CAN	*	12.0TTG (4)		UA
6789	COMPOSITE	*	15.0TTG (4)		UA	4179	COMP+CAN	*	15.0TTG (4)		UA
6790	COMPOSITE	(H)	10-16+LTG (b)(A)	(.030)	UA	3489	COMP+CAN	(H)	10-16+LTG (b)(A)	(.030)	UA
Xiamen Shiner Glass Co., Ltd. ; Xiamen, Fujian						Yakut Cam A.S ; Sancaktepe, Istanbul					
8484	COMP+CAN	1/8	3.0TTG		UA	7957	COMP+CAN	1/4	6.0TTG		UA
8348	COMP+CAN	5/32	4.0TTG		UA	7958	COMP+CAN	5/16	8.0TTG		UA
7948	COMP+CAN	3/16	5.0TTG		UA	7959	COMP+CAN	3/8	10.0TTG		UA
7949	COMP+CAN	1/4	6.0TTG		UA	7960	COMP+CAN	1/2	12.0TTG		UA
8485	COMP+CAN	5/16	8.0TTG		UA	8092	COMP+CAN	(H)	10-16+LTG (b)(HS)	(.030)	UA
7950	COMP+CAN	3/8	10.0TTG		UA	Yantai Bluesky Glass Co., Ltd ; Yantai, Shandong					
8682	COMP+CAN	1/2	12.0TTG		UA	8288	COMPOSITE	5/32	4.0TTG		UA
Xianning CSG Energy Conservation Glass Co., LTD. ; Xianning, Hubei						Yantai Dongfang Glass Co., Ltd ; Yantai, Shandong					
5979	COMP+CAN	3/16	5.0TTG		UA	8234	COMP+CAN	3/16	5.0TTG		UA
6004	COMP+CAN	1/4	6.0TTG		UA	8235	COMP+CAN	1/4	6.0TTG		UA
6005	COMP+CAN	5/16	8.0TTG		UA	8236	COMP+CAN	3/8	10.0TTG		UA
5980	COMP+CAN	3/8	10.0TTG		UA	Yao Xiang Glass Product Co. Ltd. ; Foshan, Guangdong Province					
5981	COMP+CAN	1/2	12.0TTG		UA	3736	COMP+CAN	5/32	4.0TTG		UA
5982	COMP+CAN	*	15.0TTG (4)		UA	3737	COMP+CAN	3/16	5.0TTG		UA
5983	COMP+CAN	3/4	19.0TTG		UA	3738	COMP+CAN	1/4	6.0TTG		UA
7867	COMP+CAN	(H)	10LTG (b)(T)	(.030)	UA	3739	COMP+CAN	5/16	8.0TTG		UA
Xinyi Glass (Jiangsu) Company Limited ; Zhajiagang, Jiangsu						Yildiz Cam San. Tic. A.S. ; Kartepe, Kocaeli					
8809	COMP+CAN	3/16	5.0TTG		UA	3740	COMP+CAN	3/8	10.0TTG		UA
8810	COMP+CAN	1/4	6.0TTG		UA	3741	COMP+CAN	*	12.0TTG (3)		UA
8811	COMP+CAN	5/16	8.0TTG		UA	3742	COMP+CAN	3/16	5.0TBG		UA
8812	COMP+CAN	3/8	10.0TTG		UA	3743	COMP+CAN	1/4	6.0TBG		UA
8813	COMP+CAN	1/2	12.0TTG		UA	Yitian (Cattis) Glass Product Co., Ltd ; Foshan, Guangdong Province					
8814	COMP+CAN	(H)	12-16+LTG (b)(A)	(.060)	UA	8677	COMPOSITE	1/4	6.0TTG (MC)		UA
Xinyi Glass (Tianjin) Co. Ltd. ; Wuqing District, Tianjin						Yitian (Cattis) Glass Product Co., Ltd ; Foshan, Guangdong Province					
5532	COMP+CAN	3/16	5.0TTG (MC)		UA	8678	COMPOSITE	5/16	8.0TTG (MC)		UA
5533	COMP+CAN	1/4	6.0TTG (MC)		UA	7923	COMPOSITE	3/8	10.0TTG (MC)		UA
5534	COMP+CAN	5/16	8.0TTG (MC)		UA	7924	COMPOSITE	1/2	12.0TTG (3)		UA
5535	COMP+CAN	3/8	10.0TTG (MC)		UA	8680	COMPOSITE	*	15.0TTG (4)		UA
5536	COMP+CAN	1/2	12.0TTG (MC)		UA	8768	COMPOSITE	(H)	8-16+LTG (ip)(A)	(.035)	UA
6329	COMP+CAN	*	15.0TTG (4)(MC)		UA	7925	COMPOSITE	(H)	8-16+LTG (b)(A)	(.030)	UA
5538	COMP+CAN	(S)	6LTG (b)(A)	(.030)	UA	Yitian (Cattis) Glass Product Co., Ltd ; Foshan, Guangdong Province					
5539	COMP+CAN	(H)	8-16+LTG (b)(A)	(.030)	UA	6453	COMP+CAN	1/4	6.0TTG		UA
Xinyi Glass (Yingkou) Co., Ltd. ; Yingkou, Liaoning						Yitian (Cattis) Glass Product Co., Ltd ; Foshan, Guangdong Province					
6848	COMP+CAN	1/4	6.0TTG (MC)		UA	6454	COMP+CAN	5/16	8.0TTG		UA
6849	COMP+CAN	5/16	8.0TTG (MC)		UA	6455	COMP+CAN	3/8	10.0TTG		UA
6850	COMP+CAN	3/8	10.0TTG (MC)		UA	8528	COMP+CAN	*	12.0TTG (3)		UA
6851	COMP+CAN	1/2	12.0TTG (MC)		UA						
7373	COMP+CAN	(S)	6LTG (b)(A)	(.015)	UB						
6852	COMP+CAN	(S)	6LTG (b)(A)	(.030)	UA						
7842	COMP+CAN	(H)	8-16+LTG (ip)(A)	(.035)	UA						
7841	COMP+CAN	(H)	8-12LTG (b)(A)	(.015)	UB						
6853	COMP+CAN	(H)	8-16+LTG (b)(A)	(.030)	UA						

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
Yong Feng Tai Foshan City Glass Co., LTD. ; Foshan, Guangdong Province							Zhongshan Walle Glass Product Co., Ltd ; Zhongshan, Guangdong Province						
6877	COMP+CAN	5/32		4.0TTG		UA	8142	COMPOSITE	1/4		6.0TTG		UA
5890	COMP+CAN	3/16		5.0TTG		UA	8143	COMPOSITE	5/16		8.0TTG		UA
5891	COMP+CAN	1/4		6.0TTG		UA	8144	COMPOSITE	3/8		10.0TTG		UA
5892	COMP+CAN	5/16		8.0TTG		UA							
5893	COMP+CAN	3/8		10.0TTG		UA							
8789	COMP+CAN	1/2		12.0TTG		UA							
7066	COMP+CAN	3/16		5.0TBG		UA							
5894	COMP+CAN	1/4		6.0TBG		UA							
6879	COMP+CAN	5/16		8.0TBG		UA							
Yorglass Cam Sanayi Ve Ticaret A.S. ; Yunusemre, Manisa													
8408	COMPOSITE	1/8		3.0TTG		UA							
8409	COMPOSITE	5/32		4.0TTG		UA							
Yuklucam San Ve TIC. LTD. STI ; Osmangazi, Bursa													
8658	COMP+CAN	3/16		5.0TTG		UA							
8660	COMP+CAN	5/16		8.0TTG		UA							
8661	COMP+CAN	3/8		10.0TTG		UA							
8662	COMP+CAN	1/2		12.0TTG		UA							
8683	COMP+CAN	5/8		16.0TTG (b)(T)	(.045)	UA							
Zhangjiagang City Daming Glass Product Co., Ltd ; Suzhou, Jiangsu													
5465	COMP+CAN	3/8		10.0TTG		UA							
5466	COMP+CAN	1/2		12.0TTG		UA							
7048	COMP+CAN	(H)		8-10LTG (ip)(A)	(.035)	UA							
Zhangjiagang Weiyu Fabricated Glassware Co. Ltd. ; Suzhou, Jiangsu													
5737	COMP+CAN	1/8		3.0TTG		UA							
5738	COMP+CAN	5/32		4.0TTG		UA							
Zhaoqing CSG Energy Conservation Glass Co., Ltd ; Zhaoqing, Guangdong Province													
8563	COMP+CAN	1/4		6.0TTG		UA							
8564	COMP+CAN	5/16		8.0TTG		UA							
8565	COMP+CAN	3/8		10.0TTG		UA							
8566	COMP+CAN	*		12.0TTG (4)		UA							
8567	COMP+CAN	(H)		10-16+LTG (b)(A)	(.030)	UA							
Zhejiang Jincheng Glass Co., Ltd. ; Huzhou, Zhejiang													
6676	COMP+CAN	1/8		3.0TTG		UA							
8209	COMP+CAN	5/32		4.0TTG		UA							
8205	COMP+CAN	5/32		4.0TBG		UA							
8206	COMP+CAN	3/16		5.0TBG		UA							
Zhejiang Pusaisi Intelligent Glass Co., LTD ; Shaoxing City, Zhejiang													
8666	COMP+CAN	5/32		4.0TTG		UA							
8667	COMP+CAN	1/4		6.0TTG		UA							
8668	COMP+CAN	3/8		10.0TTG		UA							
8669	COMP+CAN	1/4		6.0TPG (s)		UA							
Zhongli Glass Co., Ltd ; Huzhou, Zhejiang													
8495	COMP+CAN	3/16		5.0TTG		UA							
8496	COMP+CAN	1/4		6.0TTG		UA							
8497	COMP+CAN	5/16		8.0TTG		UA							
8498	COMP+CAN	3/8		10.0TTG		UA							
8499	COMP+CAN	(H)		10LTG (b)(A)	(.030)	UA							

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
LSP	LAMINATED SPECIALTY PRODUCTS
OCG	ORGANIC COATED GLASS
OCH	ORGANIC COATED GLASS HYBRID
SPS	SAFETY PLASTIC SHEET
VIGT	VACUUM INSULATING GLASS TEMPERED
VIGL	VACUUM INSULATING GLASS LAMINATED
VITL	VACUUM INSULATING GLASS TEMPERED LAMINATED
CSSG	CHEMICALLY STRENGTHENED SAFETY GLASS

Pattern Glass Attribute Codes

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

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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Glass Standard Attribute Codes

U	UNLIMITED SIZE CATEGORY
A	ANSI STANDARD - DROP HEIGHT CLASS - 48 INCH DROP
B	ANSI STANDARD - DROP HEIGHT CLASS - 18 INCH DROP
(MC)	METALIZED COATED
(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

Laminated Glass Attribute Codes

(S)	STANDARD THICKNESS CLASS FOR LAMINATED GLASS
(H)	HEAVY THICKNESS CLASS FOR LAMINATED GLASS
(A)	ANNEALED
(HS)	HEAT STRENGTHENED
(T)	TEMPERED
(CS)	CHEMICALLY STRENGTHENED
(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
(PRO)	PROPRIETARY

Classified Tempered Glass Patterns Key (SD-100)

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	5/8	3/4
		mm	3	4	5	0.21	5.5	6	7	8	10	12	16	19
Abstracto	Saint Gobain			D										
Altdeutsch F	Saint Gobain			S										
Altdeutsch K	Saint Gobain			S										
Antique	Saint Gobain			S										
Aqua	AGC	S	S	S			S							
Aqualite	Qingdao Jing Jing						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			S							
Austral*	Pilkington			D										
Autumn	Saint Gobain						S							
Autumn*	Pilkington			M			X							
Bamboo	AGC			D										
Bamboo	Guardian									S				
Bamboo	Shixing			M			S							
Bamboo	Kibing			D										
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										
Fluted	Shandong Jinjing						D		M					
Fluted	Qingdao Jinjing						M							
Flutes	AGC			M	D		D							
Flutex	AGC				D					M				
Glacier	AGC	M	M	D			D			M				
Gluechip	Guardian	M	M	M		M	M			S				
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												

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	5/8	3/4
		mm	3	4	5	0.21	5.5	6	7	8	10	12	16	19
Listral A	Saint Gobain		S											
Listral D	Saint Gobain		M											
Listral F	Saint Gobain		M											
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			S	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			M				
Pelrine*	Pilkington		S											
Pinhead	Taiwan Glass	S		S						S				
Pixels	AGC		M											
Rain	AGC	M	M	M			S		S	S				
Rattan*	Pilkington	M												
Rayado*	Pilkington			S										
Reed	Saint Gobain						M							
Reeded*	Pilkington		D	M			M							
Sahara	Saint Gobain		S											
Sateen	Skyline Design		S				S		S	S	S	S	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					
Wired Waterdrop	Saint Gobain							M						
Waterdrop	Saint Gobain		M											
Yacare*	Pilkington		M											
Zefiro Weiss	Saint Gobain		M											

SGCC LIST OF ACCEPTED INTERLAYERS (SD-099)

In order for a laminated glass product to become or remain SGCC Certified, the interlayer used by the manufacturer must be on this list. 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.

L1 Certification to one brand within the generic category will allow switching to other brands within the generic category on the list (see Laminated Glass Equivalency - Table L1 for guidance with Change Categories, Equivalent/Not Equivalent Changes in accepted interlayers).

*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. **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)***

Generic Code & Description					
(b) Polyvinyl Butyral	(lu) Liquid Resin - UV Cure	(f) Fluorinated Ethylene Propylene	(lc) Liquid Resin-Multi Component	(p) Polyethylene Terephthalate	(ev) Ethylene-Vinyl Acetate
(ip) Ionoplast	(el) Epoxy-Liquid Crystal Polymer	(u) Polyurethane	(su) Solid resin UV cure	(PRO) Proprietary	
Generic Code	Description	Supplier	Interlayer Brand	Interlayer Formulations	Weathering Data on file
(b)	Polyvinyl Butyral	Eastman Chemical Company	Saflex IIIIG/Vanceva	Series A, C, D, F, H, M, N, P, R, S, W	✓
		Eastman Chemical Company	Saflex Specialty	Saflex Q, AG, DB/DS	✓
		Eastman Chemical Company	Saflex Composite	Saflex V, K series	✓
		Eastman Chemical Company	Saflex FlySafe 3D	(.060)	✓
		Kuraray	Trosifol Clear & Decorative	Clear (B200&B500), UltraClear, UltraClear XT, HR (HR100), Brilliant Colors/Tints	✓
		Kuraray	Trosifol Specialties	SentryGlas Expressions, Extra Stiff (B130), SC Monolayer (B100), Solar R40 (B900)	✓
		Chang Chun	Winlite	(0.015)	✓
		Sekisui S-Lec	Sekisui S-LEC Film & Sekisui S-LEC Acoustic Film	(0.030)	✓
		Everlam S.A.	EVERLAM™	NC 010, LAM52 (0.015)	✓
		Everlam N.V.	EVERLAM™ SUPER TOUGH	LAM72T	✓
		Kingboard (FO Gang) Specialty Resins Ltd.	Kingboard	(0.015)	✓
		Anhui Wanwei Bisheng Co., Ltd.	Bishn©	(0.030)	✓
		Zhejiang Decent New Material Co., Ltd.	Architectural PVB	(0.030)	✓
(u)	Polyurethane	SWM International	ArgoBond®	ST-6050 (0.050)	✓
(ip)	Ionoplast	Kuraray	Trosifol SentryGlas®	(0.035)	✓
		Kuraray	Trosifol SentryGlas® Xtra™	(0.035)	✓
(lu)	Liquid Resin - UV Cure	Bestroom Co. Ltd.	UVLAM	(0.040)	✓
		H.B. Fuller- Kommerling	Kodilan GS-LED	(.040)	✓
		ALLNEX	UVEKOL	(0.040)	✓
(ev)	Ethylene-Vinyl Acetate	Interlayer Solutions, inc.	EVALAYER	(0.015)	✓
		Folienwerk Wolfen GmbH	Evguard® - UV380, Polar White, Milky White	(0.015)	✓
		Hornos Industriales Pujol, S.A.	EVALAM Crystal	(0.015)	✓
		Hornos Industriales Pujol, S.A.	EVALAM Visual	(0.015)	✓
		RCN Solution SRL	REVA BF	(0.015)	✓
		IGE Supply Solutions, Inc.	Shenzhen Gaoren Electronic New Material Co.,Ltd - ASQ1X Extra Clear EVA Film	(0.015)	✓
		SWM International	ArgoBond®	SE-381TF (0.030)	✓
		Satinal SPA	Strato	(0.015)	✓
		Shanghai HIUV New Materials Co., Ltd.	HIUV-PVE	(0.015)	✓

SGCC LIST OF ACCEPTED INTERLAYERS (SD-099)

In order for a laminated glass product to become or remain SGCC Certified, the interlayer used by the manufacturer must be on this list. 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.

L1 Certification to one brand within the generic category will allow switching to other brands within the generic category on the list (see Laminated Glass Equivalency - Table L1 for guidance with Change Categories, Equivalent/Not Equivalent Changes in accepted interlayers).

*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. **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)***

Generic Code & Description					
(b) Polyvinyl Butyral	(lu) Liquid Resin - UV Cure	(f) Fluorinated Ethylene Propylene	(lc) Liquid Resin-Multi Component	(p) Polyethylene Terephthalate	(ev) Ethylene-Vinyl Acetate
(ip) Ionoplast	(el) Epoxy-Liquid Crystal Polymer	(u) Polyurethane	(su) Solid resin UV cure	(PRO) Proprietary	
Generic Code	Description	Supplier	Interlayer Brand	Interlayer Formulations	Weathering Data on file
(ev)(p)	Ethylene-Vinyl Acetate / Polyethylene Terephthalate	Folienwerk Wolfen GmbH	Evguard®+ MPE	(.015)(.008)(.015)	✓
(el)(p)	Epoxy-Liquid Crystal Polymer / Polyethylene Terephthalate	Polytronix, Inc.	Polyvision Film	(0.075)	✓
(su)	Solid resin UV cure	Seeory Materials Corp	Seeory Interlayer	(0.030)	✓

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

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.

California	Iowa
<p>125 - Architectural Testing Inc. (an Intertek Company) Architectural Testing Inc. (an Intertek Company), 2524 East Jensen Ave.; Fresno, CA 93706 Attn: Kenny White, Mr. Joshua Lannum, Mr. Tyler Westerling, Ms. Marisela Saavedra, Ms. Shannon Stein Phone: (559) 233-8705 Fax: (559) 233-8360 Email: kenny.white@intertek.com, joshua.lannum@intertek.com, Tyler.Westerling@Intertek.com, Marisela.Saavedra@Intertek.com, Shannon.Stein@Intertek.com</p>	<p>500 - Element Materials Technology Des Moines Element Materials Technology Des Moines, 3922 Delaware Avenue; Des Moines, IA 50313 Attn: Austin Heiselman, Adam Scarlett, Brian Escherich Phone: (515) 266-5101 Fax: (505) 262-1910 Email: austin.heiselman@element.com, adam.scarlett@element.com, brian.escherich@element.com</p>
	Minnesota
<p>250 - Construction Consulting Laboratory Inc. Construction Consulting Laboratory Inc., Western Division, 4751 W State St Ste B; Ontario, CA 91762 Attn: Mr. Jack Jackson, Mr. Chad Jackson, Ms. Cheyenne Jackson Phone: (909) 591-1789 Fax: 9096279020 Email: Jack@ccl-west.com, chad@ccl-west.com, cheyenne@ccl-west.com</p>	<p>150 - Architectural Testing Inc. (an Intertek Company) Architectural Testing Inc. (an Intertek Company), 40 51st Way NE Suite 100; Fridley, MN Attn: Mr. Lukas Bayer, Mr. Eric Schoenthaler, Ms. Wendy Allison Phone: (651) 636-3835 Fax: (651) 636-3843 Email: lukas.bayer@intertek.com, eric.schoenthaler@intertek.com, Wendy.Allison@intertek.com</p>
	New York
	<p>400 - Intertek Intertek, 75 Clinton Avenue; Cortland, NY 13045 Attn: Mr. Russell Mantey, Mr. Byron Horak, Mr. Ryan Siddon Phone: (607) 758-6673 Fax: (607) 758-6666 Email: russell.mantey@intertek.com, byron.horak@intertek.com, ryan.siddon@intertek.com</p>
	Ohio
	<p>200 - Bowser-Morner Inc. Bowser-Morner Inc., 4518 Taylorsville Rd; Dayton, OH 45424 Attn: Vicki Appora Phone: (937) 236-8805 Fax: 9372379947 Email: vappora@bowser-morner.com</p>
	Pennsylvania
	<p>100 - Architectural Testing Inc. (an Intertek Company) Architectural Testing Inc. (an Intertek Company), 130 Derry Court; York, PA 17406-9405 Attn: Mr. Todd Wilt, Mr. Thomas Mickley Phone: (717) 764-7700 Fax: (717) 764-4129 Email: todd.wilt@intertek.com, tom.mickley@intertek.com</p>
Florida	
<p>285 - QAI Laboratories, Inc. QAI Laboratories, Inc., 8148 NW 74th Avenue; Medley, FL 33166 Attn: Jose Sanchez, Sarah Hernandez Phone: 1-305-885-3328 Fax: 1-305-885-3329 Email: jsanchez@qai.org, shernandez@qai.org</p>	
<p>850 - PRI Construction Materials Technologies PRI Construction Materials Technologies, 6412 Badger Dr; Tampa, FL 33610 Attn: Mr. Brad Grzybowski, Tim Efaw Phone: 813-621-5777 Fax: 813-621-5840 Email: brad.grzybowski@pri-group.com, tim.efaw@pri-group.com</p>	
Georgia	
<p>165 - Architectural Testing Inc. (an Intertek Company) Architectural Testing Inc. (an Intertek Company), 1701 Westfork Dr., Suite 106; Lithia Springs, GA 30122 Attn: Mr. Brock, Austin Viness, Ms. Andrea Torrey Phone: (770) 941-6916 Fax: (770) 941-2930 Email: austin.viness@intertek.com, andrea.torrey@intertek.com</p>	

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

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Pennsylvania	Washington
<p>103 - Architectural Testing Inc. (an Intertek Co.) Architectural Testing Inc. (an Intertek Co.), 1140 Lincoln Ave; Springdale, PA 15144 Attn: Mr. Steve Shank, Mr. Jim Grippo, Mr. Mike Matovcik, Ms Sandy DiCaro Phone: 724-275-7100 Fax: 724-275-7102 Email: Stephen.Shank@Intertek.com, jim.grippo@intertek.com, michael.matovcik@intertek.com, Sandra.DiCaro@Intertek.com</p>	<p>750 - National Certified Testing Labs (NCTL) NW National Certified Testing Labs (NCTL) NW, 3310 Hill Avenue; Everett, WA Attn: Amy Becker, Jim Clarke, Ms. Eve Clarke Phone: (425) 259-6799 Fax: (425) 259-4936 Email: abecker@nctlinc.com, jclarke@nctlinc.com, eclarke@nctlinc.com</p>
	Canada
	British Columbia
<p>800 - National Certified Testing Labs (NCTL) National Certified Testing Labs (NCTL), 5 Leigh Drive; York, PA 17406 Attn: Mr. Justin Bupp, Drew Klinedinst Phone: (717) 846-1200 Fax: (717) 846-1200 Email: jbupp@nctlinc.com, DKlinedinst@nctlinc.com</p>	<p>950 - Intertek Intertek, 1500 Brigantine Dr. ; Coquitlam, BC V3K 7C1 Attn: Baldeep Sandhu, Mr. Chris Chang Phone: 604-520-3321 Fax: Email: baldeep.sandhu@intertek.com, chris.e.chang@intertek.com</p>
<p>911 - Molimo, LLC. Molimo, LLC., 1410 Eden Road; York, PA 17402 Attn: Mr. Lance Cunningham, Mr. Michael Stremmel, Mr. Steve Eveler Phone: 717-916-6300 Fax: 717-318-5788 Email: lcunningham@molimo.com, mstremmel@molimo.com, seveler@molimo.com</p>	
Texas	
<p>175 - Architectural Testing Inc. (an Intertek Company) Architectural Testing Inc. (an Intertek Company), 1909 10th Street, Suite 100; Plano, TX 75074-8009 Attn: Cassandra Matthews, Mr. Fred Munoz, Mr. Jacob MacMaster Phone: (469) 814-0687 Fax: Email: cassandra.matthews@intertek.com, lucio.munoz@intertek.com, Jacob.MacMaster@intertek.com</p>	
Washington	
<p>195 - Architectural Testing Inc. (an Intertek Company) Architectural Testing Inc. (an Intertek Company), 22155 68th Ave. South; Kent, WA 98032-1937 Attn: Mr. Dauda Sanoh, Ms. Rachel Pankaskie, Mr. Kal Kooner Phone: (253) 395-5656 Fax: (717) 764-4129 Email: dauda.sanoh@intertek.com, rachel.pankaskie@intertek.com, Kal.kooner@intertek.com</p>	