

Product Description

Insulating glass units are made utilizing two or more lites of glass that are hermetically sealed. Based on the various glass types specified, the insulating glass can meet multiple building code requirements and design aesthetics. GGI makes specifying high-performing glass easier because of the broad range of specialty glass types produced and stocked, combined with state-of-the-art technology used to fabricate multi-functional insulating glass units for commercial building applications.

Benefits

- Dual sealed units for commercial applications
- Double and triple glazing up to 2-1/4" overall
- Super Spacer T-Spacer™ warm edge technology
- Secondary silicone seal
- Air and argon gas filled options available for greater energy efficiency
- Decorative and other specialty glass options
- Energy efficient for greater indoor comfort
- Sound control, safety and protective glazing
- Bird-friendly designs

Resources

CSI 3-Part Specifications available on GGI website, BSD SpecLink, and ARCAT.com. Contact sales representative to discuss custom fabrication capabilities.



Capabilities

Minimum size: 14" x 14"
Maximum size: 106" x 157"

Maximum size on IGU may vary based on configuration

Double and triple glazed units:
1" up to 2-1/4" overall

Annealed, heat-treated and laminated glass configurations available with PVB or SentryGlas™ interlayers

Black primary and secondary sealants
Secondary silicone seal suitable for structural glazing

Offset units, custom shapes and arches

Enhance™ glass surface protection can be added

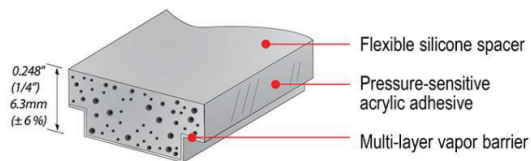
Glass Options

- Alice® Direct-to-Glass Printing
- Anti-Reflective
- Clear, Low-Iron and Tinted
- Fire-Rated
- High-Performing Solar Control Low-E
- Passive Solar and 4th Surface Low-E
- Laminated
- Patterned
- Reflective
- Satin-Etched



Why GGI Utilizes Super Spacer T-spacer™

Super Spacer T-Spacer is the fully automated version of TriSeal manufactured by Quanex. The T-Spacer utilizes online PIB extrusion for TriSeal at the point of insulating glass. With its triple-seal design, T-Spacer is designed to satisfy the toughest commercial glazing demands, including silicone structural glazing (SSG) and it can be seamlessly integrated into high-speed automated manufacturing that allows for immediate handling of the unit.



Fabrication

- Thermoset, silicone spacer with integral desiccant
- Low thermal conductivity
- Unique triple seal design
 - Inner acrylic adhesive seal for immediate unit handling
 - Polyisobutylene (PIB) primary seal
 - Silicone secondary seal suitable for structural glazing
 - Excellent durability for sustainable performance
- Improved occupancy comfort
- Optimized energy savings
- Substantially reduced perimeter condensation
- Pleasing aesthetic appearance
- Excellent UV resistance, color stability
- Structural strength against wind and snow loads
- Enhanced sound dampening
- Fast spacer application for greater efficiency
- Robotic application for straight, accurate sightlines
- LEED Contribution

Sustainability

Insulating glass units by GGI support sustainable building with multiple glass options and configurations designed for energy-efficiency and greater indoor comfort combined with stunning aesthetics. Solar control and passive solar low-emissivity glass can be complemented by inboard lite with dots, lines, fades, and other patterns to more effectively manage daylighting, privacy—and to meet the requirements for bird protection glazing.



GGI is a member of the U.S. Green Building Council in support of sustainable building design and environmentally friendly manufacturing process.

Limited Warranty

GGI offers a 10-year limited warranty on insulating glass units. For complete warranty details, please contact GGI.

Contact us to learn more.

800-431-2042 | sales@generalglass.com | www.generalglass.com

