

## PRODUCT FACT SHEET

# SURESEAL™ INSULATING GLASS

### Spacer

Material: Extruded thermoplastic spacer with integrated molecular sieve desiccant.  
Height: 5/16" (8mm) nominal profile.  
Color: Black  
Construction: Seamless application with one straight-edge sloping connection.

### Sealant

Primary seal: Butyl-based thermoplastic edge seal (TPS spacer)  
Secondary seal: Two-part, neutral cure, structural silicone (DOW Corning 982-S)

**Gas Fill:** Argon (upon request)

**Certification:** Insulating Glass Certification Council (IGCC®) in accordance with ASTM E-2188/E-2190; and IGCC® Initial Gas Fill Test.

**Warranty:** 10 years from date of manufacture.

### Tolerance

Sightline: Standard sightline 1/2", +1/8", -1/16" Maximum sightline 11/16"  
Thickness: +/- 1/16"  
Dimensions: +1/8", -1/16"

### Size Capabilities

Minimum: 8" x 14"  
Maximum: Annealed units - 50 ft2  
Tempered units - 96" x 136"  
Unit Thickness: 1/2" to 1-3/4"  
Glass: 1/8" to 1/2"  
Air Space: 1/4" to 11/16"

**Offset units:** 1- or 2-sided. Both lites of unit must be tempered.

**Weight Restriction:** 1,000 Lbs. per unit.

**Structural Glazing:** VGP must be advised if units are to be structural silicone glazed. Structural glazed units (2- or 4-sided) must be reviewed by factory for proper silicone seal requirements.

**Material Compatibility:** In order to maintain terms of product warranty and to assure complete product compatibility **USE ONLY THE FOLLOWING:** Silicone – Dow Corning 899, Dow Corning 991, Dow Corning 995, Dow Corning 1199; Setting Blocks – Plasticizer-free, VMQ-Silicone rubber; 100% Polypropylene or Polyethylene; Backer Rods – 100% Polypropylene or Polyethylene; Gaskets – materials containing no solvents, oil, plasticizers, or extenders. Consult *Technical Bulletin IG-1* for important information regarding IG unit and glazing material compatibility. **DO NOT USE** sealants or glazing materials containing solvents, oil, or extenders (e.g. plasticizers not based on silicone materials); products which generate aggressive "curing by-products (e.g. acetic acid, amine, acetone, etc.); setting blocks containing plasticizers; impregnated, open cell backer rods.

**Spandrel:** Ceramic coating on #4 (Std.) or #2 surface only. Units containing one light of spandrel glass must be heat treated.

**Edges:** All glass edges on heat treated glass will be seamed; annealed glass may be clean-cut.

### Pricing

Minimum charge per unit: 3 ft<sup>2</sup>  
Units over 50 ft<sup>2</sup>: Consult factory

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