



#### Key Features Summary

- Lowest conductivity warm edge spacer
- Improved condensation resistance
- Warmer edge of glass temperature
- Superior argon gas retention
- Suitable for fully automated application
- Proven adhesive technology
- Composite Laminating Technology
- Smooth surface appearance
- Minimal compression required
- Unique patented design

#### Certification Standards

- EN-1279:2002 Parts 2, 3, 4, Part 6 B & C
- ASTM E2190
- ASTM E774 level CBA
- CGSB 12.8-97
- GOST 24866-99

#### Colors

Is available in gray and black.

#### Packaging

Returnable/recyclable spools available in disposable packaging.

#### Description

Is an insulating glass edge seal system constructed using a unique Composite Laminating Technology. Duralite is preassembled with proven components, sealant, spacer and desiccant to create a high-performance durable spacer system.

#### Basic Use

For use in high-volume production of dual and triple pane insulating glass units in a one-step process where units are sealed using heat and compression. Designed as a single seal system, can also be used with a secondary sealant to create a dual seal unit.

#### Sizes

Airspaces of 1/4" (6mm) to 13/16" (21mm) in increments of .021" (.05cm)

#### Technical Performance

Moisture Vapor Transmission Rate:	0.09 g H <sub>2</sub> O/m <sup>2</sup> per 24 hrs. (ASTM F1249)
Volatile Fogging:	None. Meets ASTM E2189 and CGSB 12.8
Argon Permeance:	6-8 c.c./100 in. <sup>2</sup> per 24 hrs. (ASTM D1434)
Bondline Adhesive UV Resistance:	Excellent
Dew Point Development:	-20° F (-29° C) in 48 hrs. (ASTM E546)
Tensile Strength:	50 psi (TST-389C)
Thermal Conductance:	
Kiln:	0.080 W/m° C based on 1/2" (13mm) spacer
ψ (psi per EN ISO 10077):	30% lower than the next warmest spacer

Note: The foregoing information is published as general information only. The listed properties and performance characteristics are approximate value and are not part of the product specification.

### **Storage Conditions**

- Store in original airtight container.
- Expose to air only during application.
- Procedures for opening and resealing containers should be followed as outlined in Technical Bulletin IGo19

### **Shelf Life**

One year in unopened containers at storage conditions below 77° F (25° C). Surface imprinted with manufacture date.

### **Glazing Compatibility and Design Recommendation**

In general, materials such as hot-applied sealants, silicones, glazing tapes and solvent acrylics are compatible. However, it is recommended that glazing materials be tested for compatibility. Fabricated units shall be glazed in accordance with GANA (Glass Association of North America) and IGMA (Insulating Glass Manufacturers Alliance) recommendations. Please check with your Truseal representative for specific glazing recommendations.

### **Health & Safety**

For all products, users must follow individual product labels and Material Safety Data Sheets for warnings and precautions prior to opening containers and during use and storage. Non-hazardous under normal use for handling and waste disposal.