



For more than 35 years, we at Technoform have been helping our customers worldwide make the strongest high-performance window, curtain wall and IG products. Our global network of industry specialists is ready to assist with all steps of the design and manufacturing process to create the systems required by today's demanding energy codes. We understand your challenges, are knowledgeable about your business and are here to help you.

## Independent testing

### North America

ASTM E773, ASTM B117 – Salt spray durability  
 ASTM E774 (CBA) – Accelerated weather cycling  
 ASTM E2188 – IGU performance  
 ASTM E2189 – Resistance to fogging  
 ASTM 2190 (HIGS) – Accelerated weathering  
 ASTM G154 – UV exposure  
 Compression resistance  
 Torsional rigidity

### International

EN 1279 part 2 – long term test for moisture penetration  
 EN 1279 part 3 – long term test for gas leakage  
 EN 1279 part 6 – fogging test  
 EN ISO 4892-2 – UV resistance  
 French-DAT

TECHNOFORM GLASSINSULATION

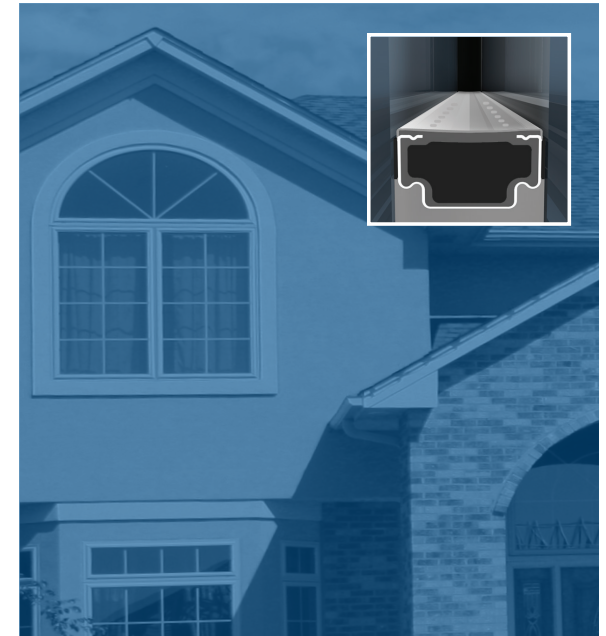
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[Technoform Group](#)



TECHNOFORM GLASSINSULATION



TGI®-Spacer

= Superior window performance

It's not complicated... the use of TGI-Spacer, the best overall high-performance IG spacer for the fenestration industry will guarantee uncompromising window system performance.

TGI-Spacer is a unique hybrid spacer system incorporating high-performance polymer and low conductivity stainless steel to provide minimal heat transfer, and maximum protection against gas leakage and moisture penetration. Thermally efficient windows of today and tomorrow are critical to energy management. TGI-Spacer meets or exceeds the toughest industry expectations in all climates.

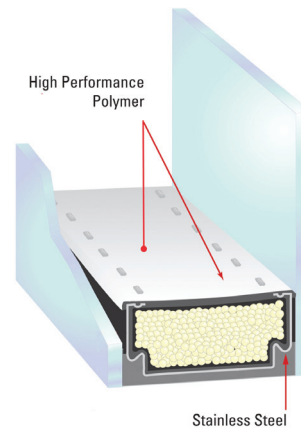


### World-class thermal capabilities

Independent lab testing proves that TGI-Spacer delivers superior sightline temperatures, condensation resistance and U-Factors that meet or exceed existing energy codes.

### Superior gas retention

TGI-Spacer has passed the toughest argon certification test in the world, European standard EN1279 Part 3 which requires argon loss lower than 1% per year. Only a spacer with a continuous inorganic metal back can give you the confidence of minimum gas loss.



### True dual seal IG unit construction

Through the use of a low conductivity stainless steel, TGI-Spacer allows for true dual seal IGU construction. Primary sealant can be placed along the entire perimeter of the spacer frame (including corners) to provide an unbroken moisture vapor barrier.

### Exceptional condensation resistance

Dramatic condensation resistance improvements are realized through utilization of TGI-Spacer, enabling windows to attain their highest thermal performance.



Available in standard widths 6.35 mm to 25.4 mm

### Exceptional long-term durability

Years of independent tests at the leading U.S. and global testing labs and use in the field have proven that TGI-Spacer meets or exceeds the toughest industry standards for long-term unit durability, UV resistance, gas retention, fogging, volatiles and moisture penetration.

### Aesthetically pleasing sightlines and colors

Blending naturally with any window frame, TGI-Spacer's straight sightline and smooth matte finish complement all designs. Standard colors include light gray, bronze, champagne, white and black. Custom colors are also available.

### Structural rigidity

TGI-Spacer's compressive strength can withstand demanding glazing pressure requirements, provide exceptional unit durability and allow easy handling of large IG units.

### Wide range of standard widths plus customized solutions

TGI-Spacer is available in widths ranging from 6.35 mm (0.25") to 25.4 mm (1.0").