



University of Central Missouri Student Recreation and Wellness Center, Warrensburg, MO

For more than 30 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 architects and fabricators. 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
+ Advanced fenestration designs
= Superior building envelope performance



It's not a complicated equation...the use of TGI-Spacer, the best overall high-performance IG spacer for the commercial fenestration market, 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 building envelopes of today and tomorrow are critical to energy management, and TGI-Spacer's drop-in solution meets or exceeds the toughest industry expectations in all climates.



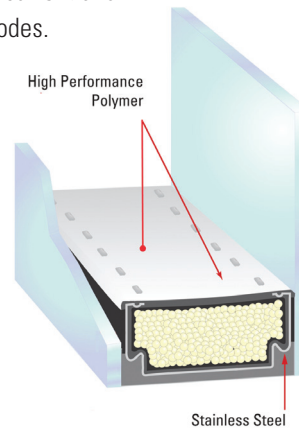
Wisconsin Institutes for Discovery, Madison, WI

World-class thermal capabilities

Independent lab testing proves that TGI-Spacer delivers superior sightline temperatures, condensation resistance and U-Factors that enhance the overall fenestration system which helps building contractors meet or exceed current and future energy codes.

Structural rigidity

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



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 and curtain wall to attain their highest thermal performance.



Available in standard widths
6.35 mm to 25.4 mm

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.

Aesthetically pleasing sightlines and colors

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

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.

Wide range of standard widths plus customized solutions

TGI-Spacer is available in 20 widths, ranging from 6.35 mm (0.25") to 25.4 mm (1.0").