

The standard for high-performance insulating glass

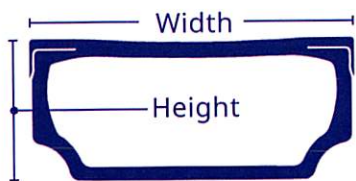


Size selection

TGI-Spacer M is available in widths ranging from 1/4" up to 1" and a height of 6.85 mm. Please note additional custom colors and sizes are available through our customized solutions on demand program.

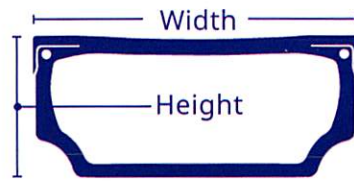
TGI-Spacer M

More flexibility for radius shapes and bent IGUs



TGI-Spacer M with wire

Enhanced rigidity for larger IGUs



Enhanced aesthetics

TGI-Spacer M has a no-glare, smooth matte finish and is available in a variety of colors to naturally blend with the glass or frame to give designers freedom to achieve their vision.



TGI®-Spacer M provides world-class thermal performance with exceptional durability.

More thermally efficient

Independent certified simulators prove TGI-Spacer M delivers superior sightline temperatures and condensation resistance compared to stainless steel box spacers and can provide whole unit U-factor reductions of between 0.02 and 0.03 BTU/°F.hr.ft² (depending on the frame) compared to aluminum spacers, matching the performance of non-metal spacers.

Improved condensation resistance

By reducing thermal bridging at the edge of glass, TGI-Spacer M increases the sightline temperature on the interior surface, helping to reduce the risk of condensation on the interior surface of glass.

Improved indoor comfort

By managing the sightline temperature on the room-side glass surface, TGI-Spacer M can provide improved occupant comfort by reducing drafts and radiative heat losses which can be caused by cold glass surfaces.

Exceptional durability

Because long-term thermal performance is only as good as the durability of the insulating glass seal, TGI-Spacer M has a plastic hybrid stainless steel design which provides a solid metal back for excellent sealant adhesion and zero moisture permeation. It provides the benchmark durability of a metal box spacer with the thermal performance of a non-metal spacer.

Structurally sound

TGI-Spacer M's compressive strength can withstand demanding commercial glazing pressure requirements and facilitate handling.

Value added services

TGI-Spacer M is manufactured in Twinsburg, Ohio, providing short lead times for customers in North America. Technoform's responsive local technical support and customer service enhance the efficiencies of IG fabricators' production processes. Customization is also available, including inkjet printing and pre-inserted straight connectors.

Fixed window system Aluminum framing with polyamide thermal break

Spacer type	Glazing system	Gas fill	U-Factor ¹	CR [*]	Sightline temp (°F)
Aluminum	1" Dual	90% Argon	0.310	48	28.3
Stainless steel	1" Dual	90% Argon	0.304	51	31.5
TGI-Spacer M	1" Dual	90% Argon	0.287	57	40.6

Curtain wall system Aluminum framing with polyamide thermal break

Spacer type	Glazing system	Gas fill	U-Factor ¹	CR [*]	Sightline temp (°F)
Aluminum	1" Dual	90% Argon	0.327	53	37.8
Stainless steel	1" Dual	90% Argon	0.320	54	40.2
TGI-Spacer M	1" Dual	90% Argon	0.298	61	47.3

Please note simulations performed by Intertek using the following standards:

NFRC 100-2014 • NFRC 200-2014 • NFRC 500-2014

1) U-Factor: BTU/°F.hr.ft²

*Condensation resistance