

TECHNOFORM



A global presence...

Contact us for support with your next glazing project.
Call or visit our website [Technoform.com](https://www.technoform.com)

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TECHNOFORM

Equipped for every challenge

Hybrid warm edge spacer



Thermal edge bond solutions
for insulating glass

The standard for high-performance insulating glass

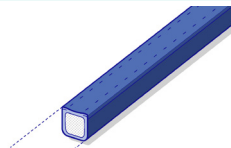
Size selection

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.

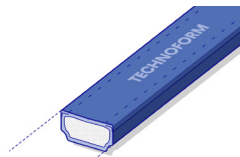
SP12

Box profile for creating smaller cavities in thin or triple pane IGUs



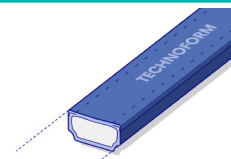
SP13

More flexibility for radius shapes and bent IGUs



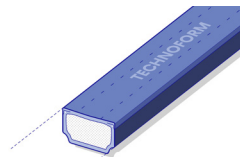
SP14

Steel wires create enhanced rigidity for large IGUs



SP17

Increased 8mm height and steel wires improves rigidity



Enhanced aesthetics

Our spacer 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.



Black



Light grey



Dark grey



White



Bronze

World-class thermal performance with exceptional durability.

More thermally efficient

Independent certified simulators prove that our spacer 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, our spacer 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, our spacer 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, our spacer 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

The compressive strength of our spacer can withstand demanding commercial glazing pressure requirements and facilitate handling.

Value added services

Manufacturing in Twinsburg, Ohio, provides short lead times for our 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	0.31	48	28.3
Stainless steel	1" Dual	90% Argon	0.30	51	31.5
Technoform	1" Dual	90% Argon	0.29	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	0.33	53	37.8
Stainless steel	1" Dual	90% Argon	0.32	54	40.2
Technoform	1" Dual	90% Argon	0.30	61	47.3

Simulations performed by Intertek** following the standards:

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

1) U-Factor: BTU/°F.hr.ft²

*Condensation resistance

**Except SP17, performed by Technoform following NFRC standards