

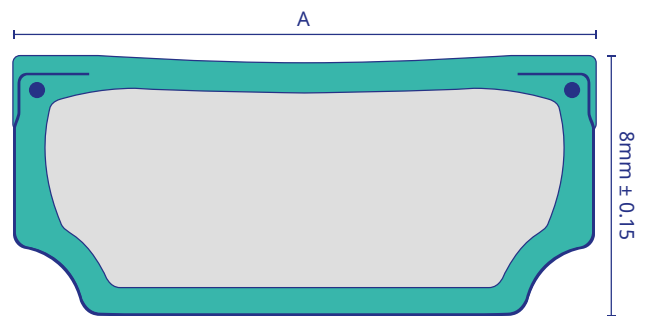
High performance spacer for improved processing of insulating glass

Description: This 8mm tall high profile plastic hybrid stainless steel (PHSS) warm-edge spacer offers increased rigidity for improved handling and placement of spacer frames. It's a drop in replacement for aluminum or stainless steel spacers to increase thermal performance, while maintaining structural integrity and durability. Of all our PHSS spacer solutions, it has the highest desiccant capacity and longest primary seal path, providing best in class durability. This is the tallest PHSS spacer on the market, allowing existing users of 8mm tall aluminum and stainless steel spacers to keep the same edge design while increasing the thermal performance. This is particularly helpful in large IGUs.

Material: stainless steel, engineered polypropylene, wire

Colors: black, light grey, dark grey, white, champagne, bronze

A ± 0.006"	A ± 0.15 [mm]
1/2"	12.55



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 Spacer M wire	1" Dual	90% Argon	0.29	57	40.6
Technoform Spacer M wire high profile	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 Spacer M wire	1" Dual	90% Argon	0.30	61	47.3
Technoform Spacer M wire high profile	1" Dual	90% Argon	0.30	61	47.3

Simulations performed using NFRC standards

1) U-Factor: BTU/°F.hr.ft²

*Condensation resistance

Durability testing:

ASTM E2190 for seal durability, gas retention, and resistance to fogging using test methods ASTM E2188 and E2189

UV resistance:
ASTM G154
EN ISO 4892-2

Sealant adhesion compatibility:
ASTM C794

Contact us for further details

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Thermal edge bond solutions
for insulating glass