

M-SPACER AND M^C-SPACER (MULTIVER EXCLUSIVITY)

USES AND APPLICATIONS

DATA SHEET / Quebec

Version 1.1



Expect more with **M-SPACER AND M^c-SPACER**

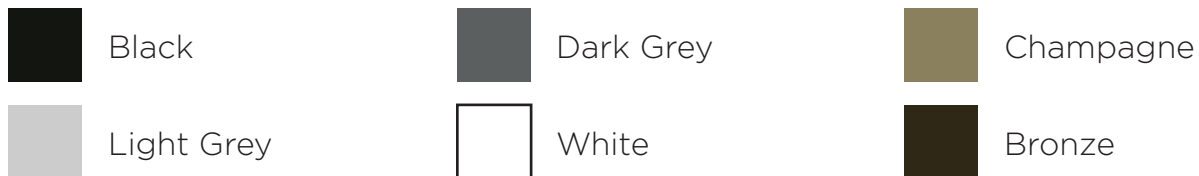
Structurally sound. Enhanced aesthetics. More thermally efficient. The M-Spacer and M^c-Spacer are both **hybrid warm edge spacer bar** that offer the ultimate combination of good thermal performance and high productivity on the lifetime of the insulated unit. **M^c-Spacer is a Multiver's exclusivity.**



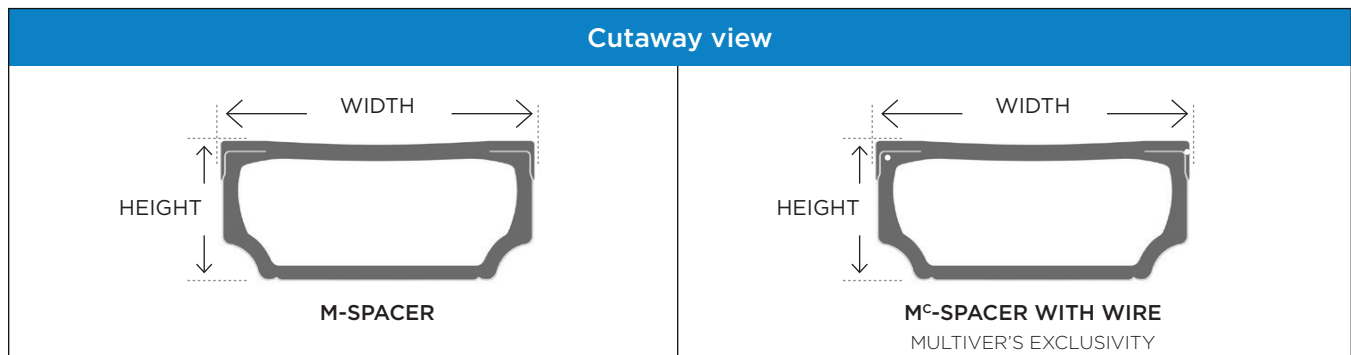
KEY ADVANTAGES OF M-SPACER AND M^c-SPACER

- ▶ Increased Productivity
- ▶ Higher Thermal Efficiency
- ▶ Enhanced Rigidity
- ▶ Optimized Aesthetics

COLOR SELECTION



SIZE SELECTION



IMPROVED INDOOR COMFORT

By reducing the heat transfer at the edge of glass, M-Spacer and M^c-Spacer **can help reduce the risk of condensation on the interior** surface of glass. Both can also **help manage the sightline temperature of the indoor surface** of glass which can lead to **improved comfort** by preventing drafts and radiated heat along the cold glass surface.



FIXED WINDOW SYSTEM

Aluminum framing with Polyamide Thermal Break

Spacer Type	Glazing System	Gas Fill	U-Factor ¹	CR	Sightline Temp.
Aluminum	1" Dual	90 %Argon	0.310	48	-2.1°C / 28.3°F
Stainless Steel	1" Dual	90 %Argon	0.304	51	-0.3°C / 31.5°F
M-Spacer	1" Dual	90 %Argon	0.287	57	4.8°C / 40.6 °F

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	3.2°C / 37.8 °F
Stainless Steel	1" Dual	90 %Argon	0.320	54	4.6°C / 40.2 °F
M ^c -Spacer (multiver's exclusivity)	1" Dual	90 %Argon	0.298	61	8.5°C / 47.3 °F

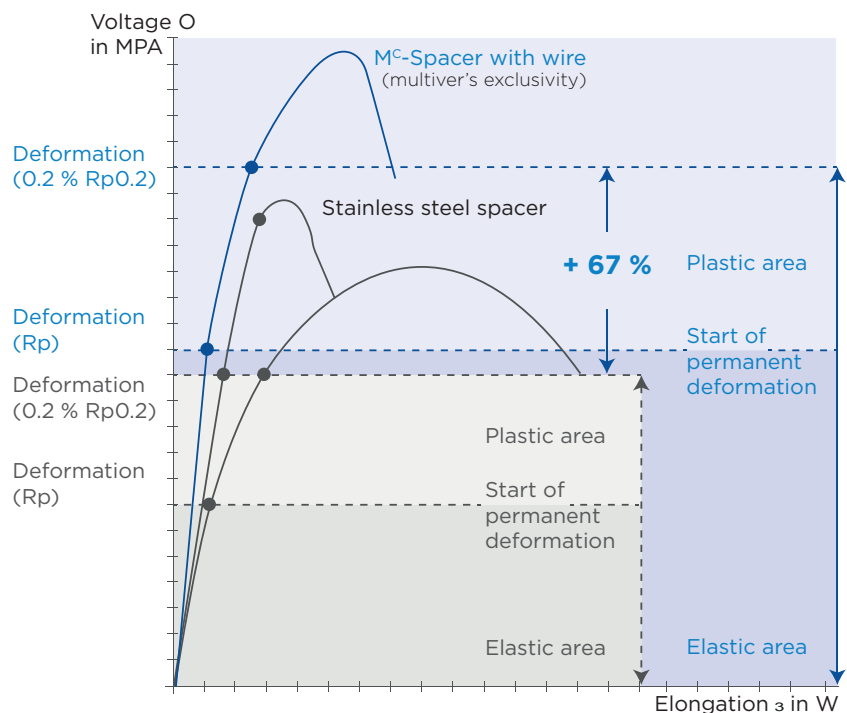
1 : U-Factor : BTU/hr-ft²°F

Notes : Simulations performed by 3rd Party using the following standards :

- NFRC 100-2014 : Procedure for Determining Fenestration Product U-Factors
- NFRC 200-2014 : Procedure for Determining Fenestration Product Solar Heat Gain Coefficient and Visible Transmittance at Normal Incidence
- NFRC 500-2014 : Procedure for Determining Fenestration Product Condensation Resistance Values

IMPROVED RIGIDITY FOR INCREASED PRODUCTIVITY

With M^c-Spacer, we have taken rigidity to a new level. The point at which permanent deformation occurs under load, characterized by the **Rp0.2 value, is 67 % higher** in the new generation spacer compared to its predecessor.





STRUCTURALLY SOUND

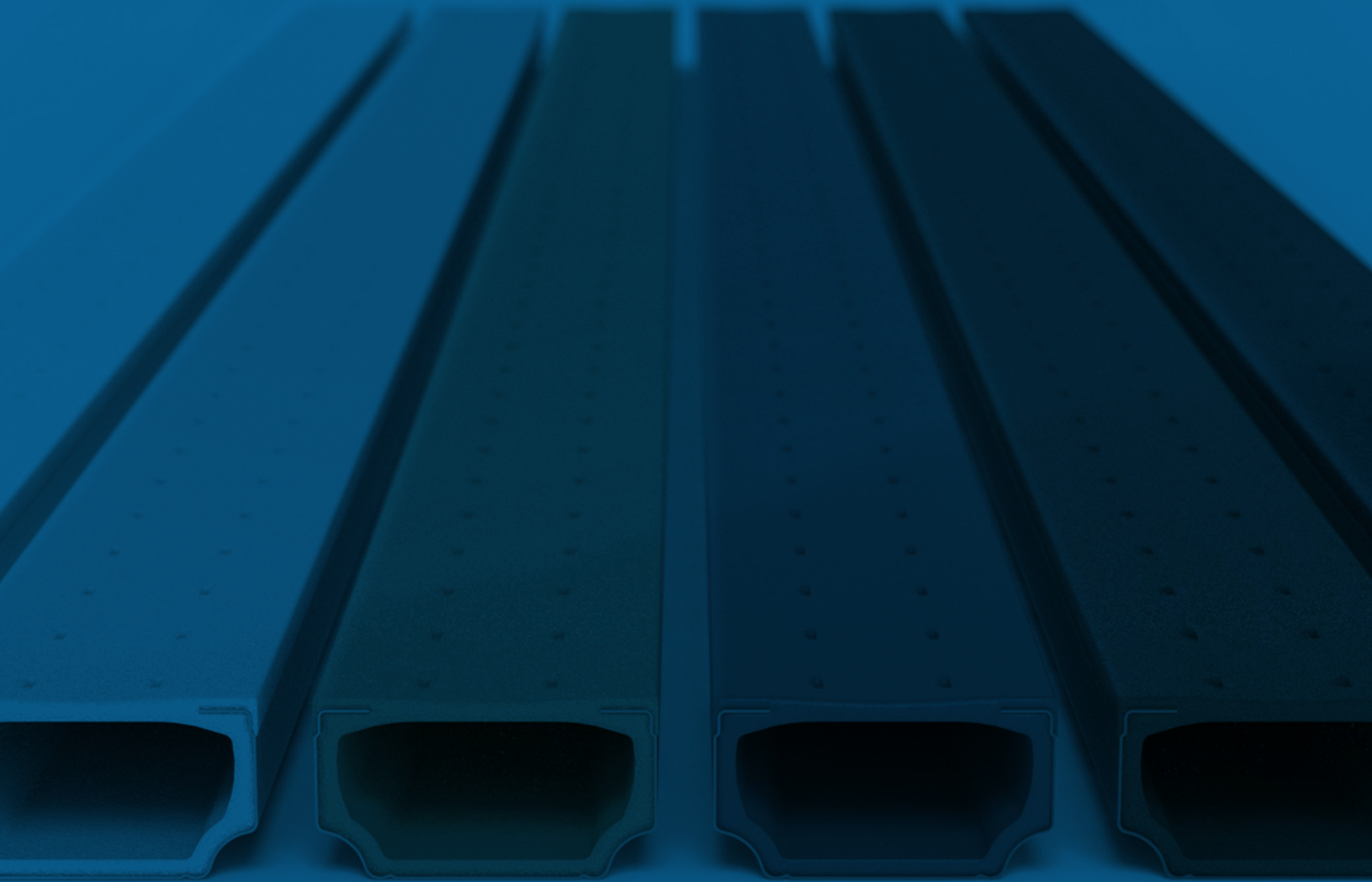
M^C-Spacer's **compressive strength** can withstand demanding commercial glazing pressure requirements, provide exceptional durability, and facilitate handling.

ENHANCED AESTHETICS

M-Spacer and M^C-Spacer's **optimized profile geometry**, smooth matte finish, and variety of colors **blend with any window frame or curtain wall**.

MORE THERMALLY EFFICIENT

Windows and doors are a determining factor when assessing the energy performance of a building. Independent lab tests prove that **M-Spacer and M^C-Spacer deliver superior sightline temperatures, condensation resistance, and U-factors** that enhance the overall fenestration system. **Both spacer help meet or exceed energy code requirements.**



This document gives a general description of the product. For further information, please contact an authorized supplier of Multiver products. The use of any of the products mentioned here in is the sole responsibility of the users. Multiver assumes no responsibility for the use of its products.

