

# Why settle for the rest- when you can have the best?

## Super Spacer® Provides The Highest Condensation Resistance

Most of us are familiar with the sight of “sweating” windows. That trapped water vapor is a sure sign of energy loss, not to mention its help in creating a perfect environment for mold growth.

Keep moisture off the glass with up to **131% higher condensation resistance than other spacers available today!**

Super Spacer®, 100% polymer foam spacer, insulates the glass and helps to prevent water vapor from forming.



**Full-Metal Spacer**  
With conventional metal spacers, condensation is a fact of life.



**Less-Metal Spacer**  
Mid-performance spacer systems improve condensation resistance.



**100%, all-foam Super Spacer®**  
Dramatically reduces condensation, delivering a clear view in Warm Edge technology.



## The Warmest Edge of Glass Temperature

Up to **+18.4°F/10.22°C** warmer temperature at the edge of the glass (vs. aluminum box spacer)

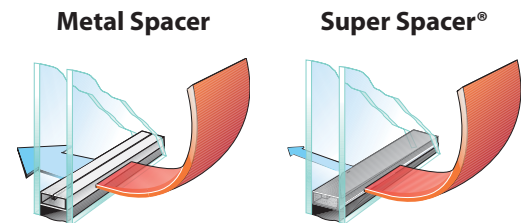
Outside 0°F ± 2°F  
-17.78°C ± 2°F/-1.1°C

Inside 70°F ± 2°F  
21.11°C ± 2°F/-1.1°C

Metal type spacers can drain the energy of your high performance windows.

## The Lowest Conductivity and IG U-factor Block heat from escaping through the glass edge

The all-foam formula of Super Spacer® is proven to be less conductive providing optimal thermal performance and the lowest U-Value in the industry. Reducing conductivity also reduces condensation.



| Spacer System  | Condensation Resistance | Edge of Glass Temperature | Equivalent Thermal Conductivity | Total IGU factor |
|--|-------------------------|---------------------------|---------------------------------|------------------|
| <b>Super Spacer® Structural Foam / butyl</b> <b>—The Best!</b> | <b>44.6</b>             | <b>43.6°F / 6.44°C</b>    | <b>0.166</b>                    | <b>0.278</b>     |
| Thermoplastic coated corrugated plastic / butyl                | 38.9                    | 41.1°F / 5.06°C           | 0.207                           | 0.286            |
| Stainless Steel U-channel / butyl                              | 38.0                    | 39.2°F / 4.00°C           | 0.252                           | 0.287            |
| Stainless box / PIB primary sealant                            | 32.2                    | 34.8°F / 1.56°C           | 0.459                           | 0.293            |
| Tin U-channel / butyl  | 26.0                    | 31.6°F / -0.22°C          | 0.603                           | 0.304            |
| Aluminum box / PIB / silicone                                  | 19.3                    | 25.2°F / -3.78°C          | 1.666                           | 0.329            |

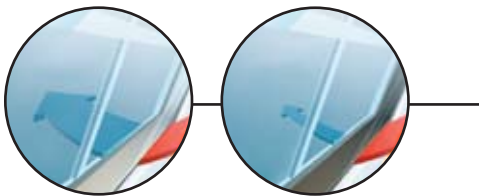
Simulations performed by Enermodal Engineering Ltd. using Window 5.2 and Therm 5.2 as per NFRC100-2001. Outside temperature 0°F, inside temperature 70°F. Low-E glass is Cardinal Low-e<sup>2</sup> 272. All air spaces are .500" wide, IGUs are 24" x 48". [Test Reports EIG906w, March, 3, 2009 add to EIG10005 Feb. 2, 2010.]

Super Spacer's dual seal, NO-Metal, structural foam spacer clearly resists condensation, reduces energy costs, provides long-life durability and adds both comfort and value to your windows. Celebrating 20+ years, Edgetech IG has always been a pioneer in GREEN warm edge technology.



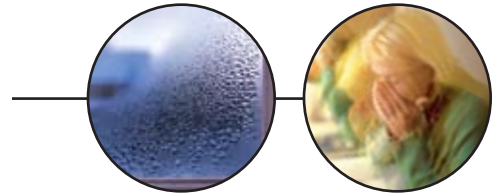
# Super Spacer® ...for so many reasons

A Dual-seal, NO-Metal, warm edge spacer system featuring Super Spacer® is better able to ensure NFRC ENERGY STAR® certification by providing the best thermal conductivity, the lowest U-Value among dual-seal systems and the best durability available in the industry.



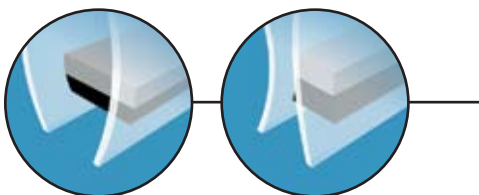
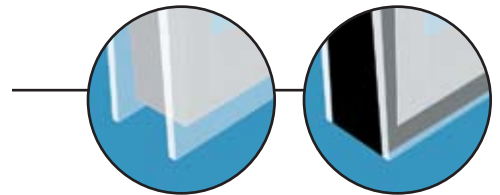
The all-foam formula of Super Spacer® blocks the heat escape path and provides one of the best thermal performances in the industry.

Condensation can lead to more than bacteria and molds. It can increase the likelihood of fungi, viruses and mites that cause respiratory infections, allergies and asthma.



Improved sound absorption over traditional metal spacers; NO-Metal Super Spacer is a huge help in keeping the decibels down.

Our dual seal system helps Super Spacer insulating glass units last up to five times longer in durability tests than single-seal units.



Our all-foam formula offsets the effects of temperature changes, barometric pressure, wind load and glazing pressure. The end result is less seal failure and fewer stress cracks.

Super Spacer units withstand the 140°F/60°C temperatures, 95 - 100% humidity and constant UV bombardment in the world's toughest durability test - The P-1 chamber.

