

# Super Spacer®

## Warm edge

Super Spacer® provides **high energy performance** and **edge-seal durability**

## Multilayer vapor barrier

and acrylic adhesive provide excellent resistance to ozone, weathering, water and aging

**Enhanced environmental comfort near windows**

*Super Spacer®* dual seal, warm edge spacer system enables high performance

Super Spacer® sealed units have been shown to have up to nine times the life expectancy of single seal insulating glass systems made with aluminum bar.

- **Optimized** energy savings
- **Superior argon** gas retention
- **Excellent** condensation and mold resistance
- **Color stability**
- **Excellent durability** for long-term performance
- **Pleasing aesthetic** appearance
- **Added value** and differentiation

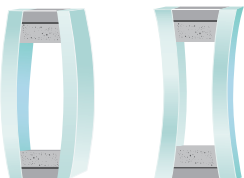
### Full-Metal Spacer

Metal spacer is rigid - Seal stress can result in seal failure



### No-Metal Super Spacer

Flexible spacer resists stress No seal failure



**Warmest Edge = Best Performance!** Up to **+14.4°F(8°C)** warmer temperature at the edge of the glass (vs. Aluminum Bar)

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

**38.1°F/3.4°C**

Super Spacer® Premium - butyl

**35.1°F/1.7°C**

Intercept® ULTRA - butyl

**33.6°F/0.9°C**

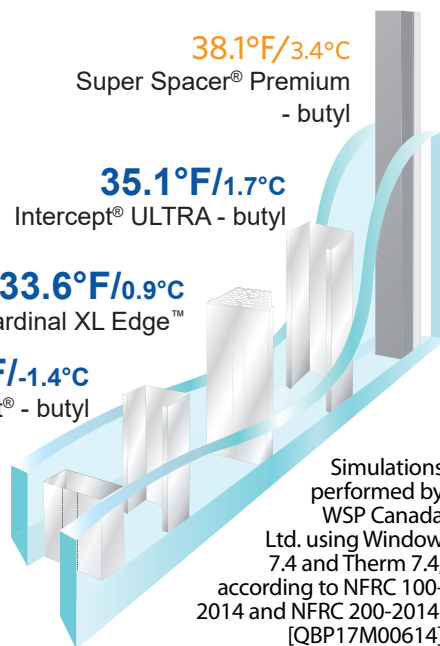
Cardinal XL Edge™

**29.5°F/-1.4°C**

Intercept® - butyl

**23.7°F/-4.6°C**

Aluminum spacer sealed with silicone



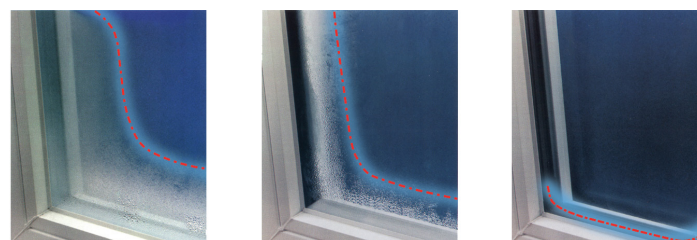
Simulations performed by WSP Canada Ltd. using Window 7.4 and Therm 7.4, according to NFRC 100-2014 and NFRC 200-2014. [QBP17M00614]

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-Factor among dual-seal systems and the best durability available in the industry.



#### Extremely low thermal conductivity

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



Full-Metal  
Spacer

Less-Metal  
Spacer

No-Metal  
Super Spacer

#### Protects against window condensation

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. The significantly reduced interior condensation or frosting means that the health problems associated with mold may be virtually eliminated.



#### The closed-cell polymer foam in Super Spacer transmits very little sound

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



#### Edge-seal durability

Super Spacer's dual seal system helps insulating glass units last up to nine times longer in durability tests than single-seal units made with aluminum bar.



#### Reduces sealant stress

Super Spacer's 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.

