

# Super Spacer Comparison



## The Facts between Super Spacer® and Intercept®



### NO-Metal Super Spacer®

Patented all-foam design dramatically reduces condensation, delivering the clearest picture in Warm Edge technology.



### Windows made with Intercept®

Mid-performance spacer systems that still contain metal do little to improve condensation resistance.

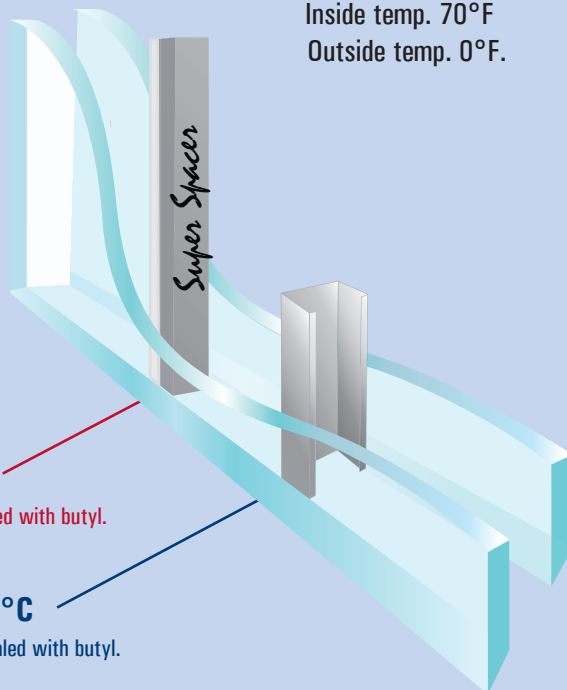
- "Super Spacer is the world's only 100% polymer foam, NO-Metal Spacing System."
- Super Spacer is 950 times less conductive than aluminum spacers, 85 times less than stainless steel.
- Windows with Super Spacer result in improved energy savings and improved window performance.
- Windows with Super Spacer have dramatically more condensation resistance than windows with Intercept.

### Super Spacer® Comparison Up to 60% better.

As much as + 16.6°F warmer temperature at the edge of the glass.  
Inside temp. 70°F  
Outside temp. 0°F.

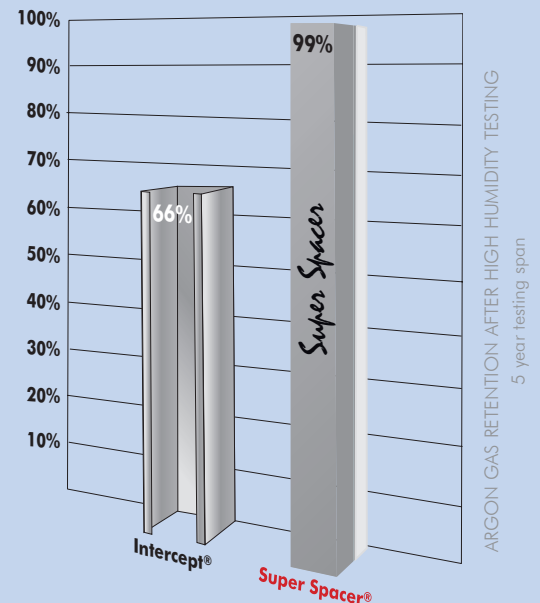
Super Spacer® is a registered trademark of Edgetech I.G. Inc. Intercept® is a registered trademark of PPG Industries Inc.

Simulations performed by Enermodal Engineering Ltd. using Window 5.2 and Therm 5.2 as per NFRC100-2001. All air spaces are .500" wide, IGUs are 24" x 48", Low-E glass is Cardinal Low-E2 172.



# 99%

### ARGON GAS RETENTION with Super Spacer



An independent study found that Argon gas I.G. units made with Super Spacer® lost less than 1% in both Accelerated Weather Cycling and High Humidity tests.

**Lindsay Windows uses Super Spacer to build superior products for your home!**



Lindsay Windows, LLC • 1995 Commerce Lane • North Mankato, Minnesota 56003  
507.625.4278 • [www.lindsaywindows.com](http://www.lindsaywindows.com)

Lindsay Windows MO, LLC • 11 Cedar Court • Union, Missouri 63084

# Cardinal LoE<sup>3</sup>-366 Glass with Neat Glass

(Standard 700, 7000 & 400 Remodel)



## LoE<sup>3</sup>-366 Glass

Introducing LoE3-366 (pronounced low E cubed-366), the ultimate performance glass. It just might make all other low-e glass obsolete. LoE3-366 delivers the ideal balance of solar control and high visibility. And it provides the highest levels of year-round comfort and energy savings, making it the perfect glass no matter where you live. The secret? An unprecedented 3 layers of silver. For your next windows, go beyond ordinary low e-glass. Choose LoE3-366, the new standard.



Windows that almost clean themselves?

How  is that?

### 1. THE CLEANING PROCESS STARTS WITH ULTRA-SMOOTH GLASS

Silicon dioxide makes Neat glass exceptionally smooth. In fact, it's much smoother than ordinary glass. So water disperses evenly, "sheets off" and evaporates quickly, greatly reducing water spotting.

### 2. TITANIUM DIOXIDE AND RAIN FINISH THE JOB

Titanium dioxide reacts chemically with the sun's UV rays, causing organic materials that are on the glass to decompose. It works even on cloudy days, as 80 percent of UV radiation gets through cloud cover. Then when it rains, the decomposed dirt is rinsed away, leaving the glass almost spotless – Result? Homeowners can spend less time washing windows and more time enjoying the view.

### 3. SPUTTERING PROVIDES ANOTHER CLEAR ADVANTAGE

It actually provides two more advantages. First, Neat allows more visible light transmittance than any comparable competitive product. Second, it's also less reflective. These two benefits add up to a product that does not require a change in NFRC labeling. This makes the use of Neat a much smoother and easier conversion.

### 4. FINALLY LoE ADDS COMFORT AND EFFICIENCY

When Neat is applied to LoE glass, it combines the ultimate in low maintenance with the best energy conserving LoE glass on the planet. So homes stay warmer in the winter, cooler in the summer – Neat LoE conserves energy year-round, too, saving homeowners an average of 25 percent annually.

## Cardinal LoE<sup>2</sup>-272 Soft Coat, Standard on 3000 Series

### High Performance Glass

#### SOFTCOAT LOW E<sup>2</sup> GLASS WITH ARGON

Glass is an important component of all windows and doors. Low E is a microscopically thin, virtually invisible coating deposited on a glass surface. This coating limits radiant heat flow between window panes by reflecting heat into your home during cold weather and back to the outdoors during warm weather. More specific information is available in our glass brochure.

