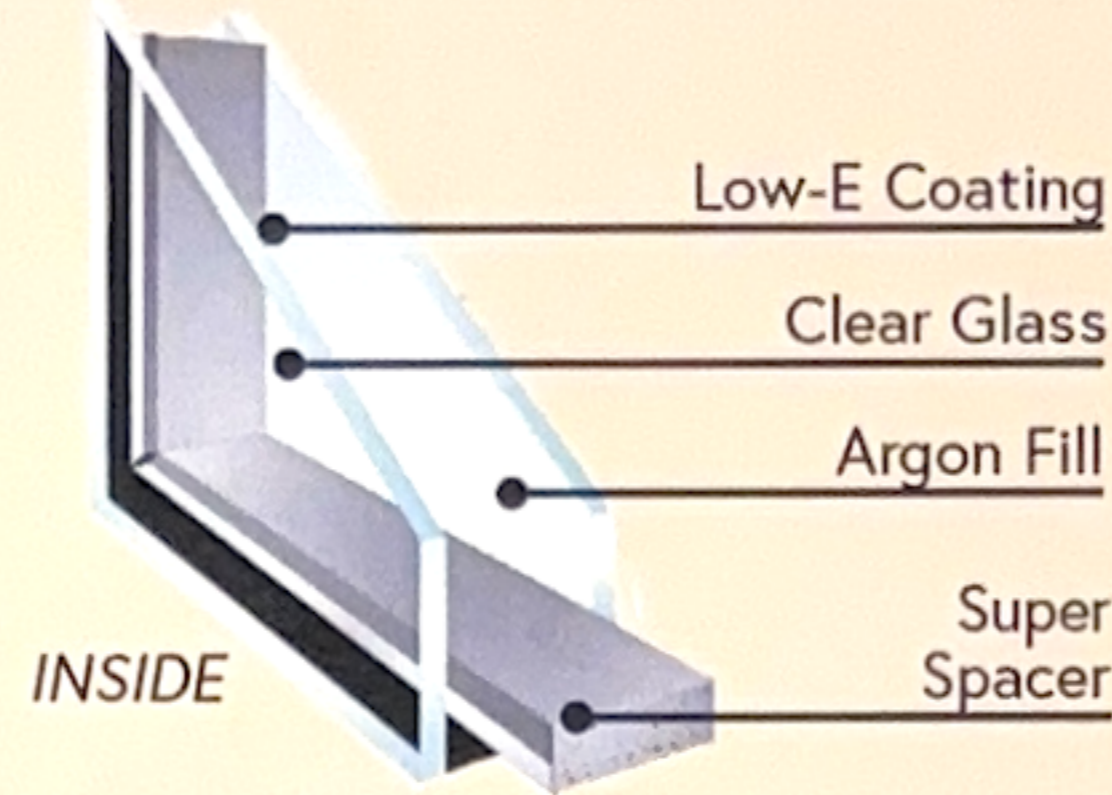


High-Performance Glass Options for Unparalleled Energy Efficiency

SoftLite offers an array of technologically advanced insulating glass systems that can be tailored to best perform in your climate region. This ensures that your new Imperial Elite windows will provide the best possible thermal performance for your home, which will save you money on energy costs. Below are just some samples of the Imperial Elite performance ratings.

Low-E Double-Pane with Super Spacer

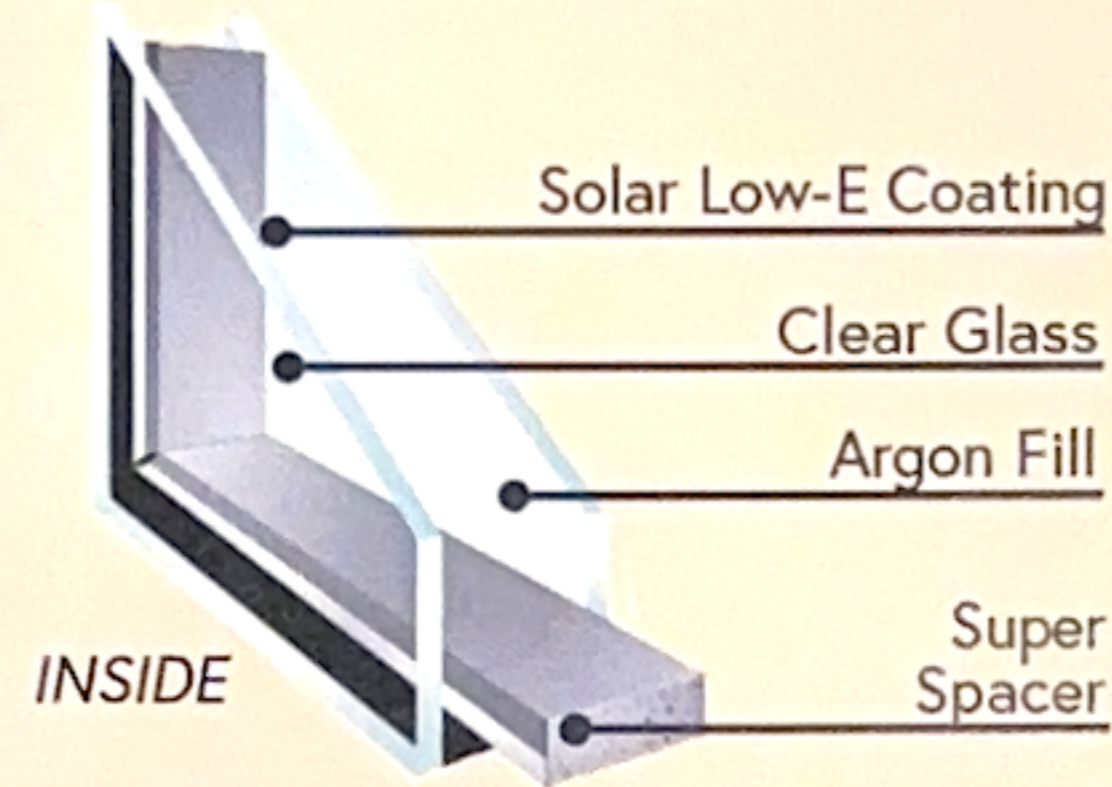
Double-hung window with Low-E, single-strength glass and argon gas.



U	S	V	C
0.26	0.26	0.48	58

Solar Low-E Double-Pane with Super Spacer

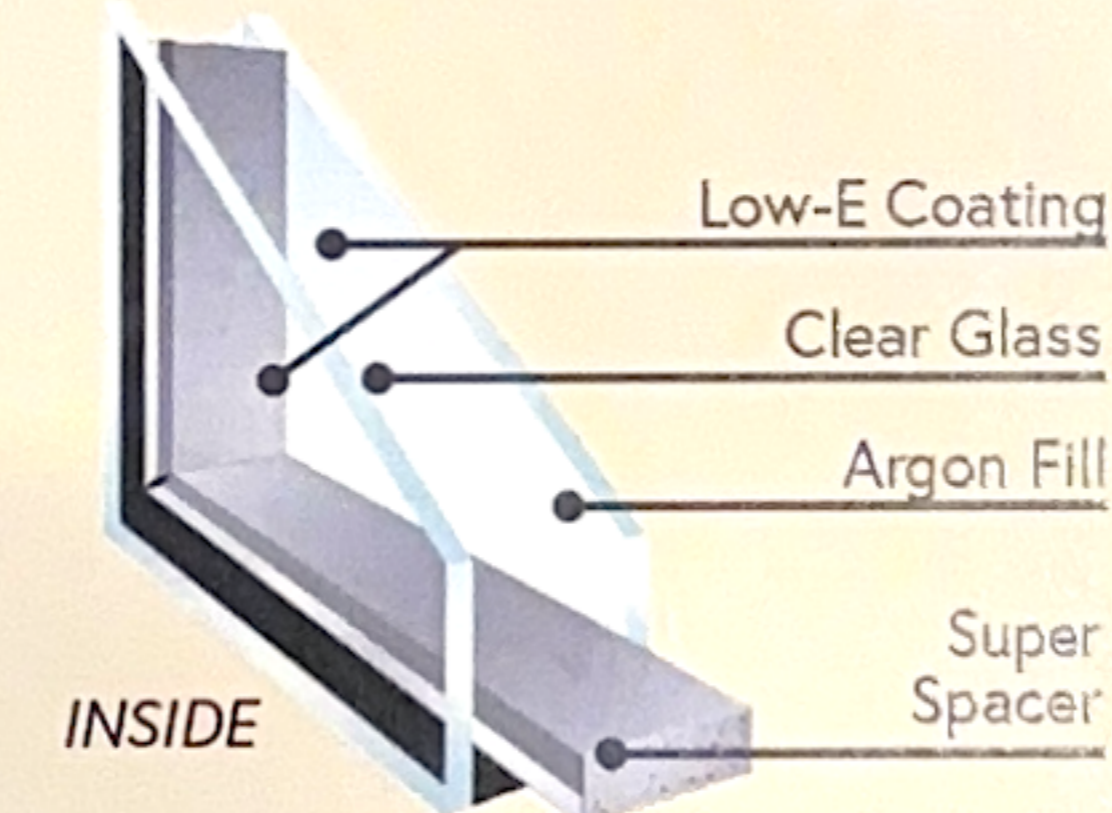
Double-hung window with Solar Low-E, single-strength glass and argon gas.



U	S	V	C
0.26	0.20	0.46	58

Thermal Low-E Double-Pane with Super Spacer

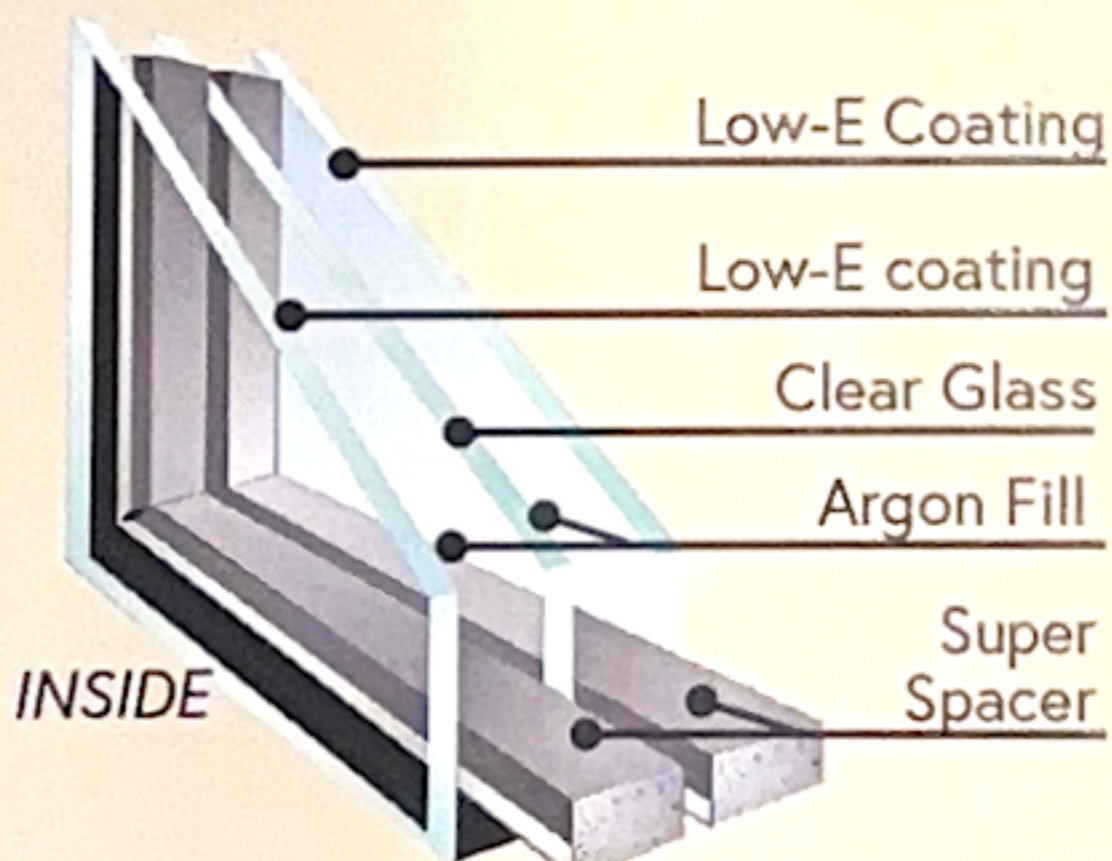
Double-hung window with two Low-E coatings, double-strength glass, and argon gas.



U	S	V	C
0.22	0.22	0.38	49

Ultra Glass Triple-Pane with Super Spacer

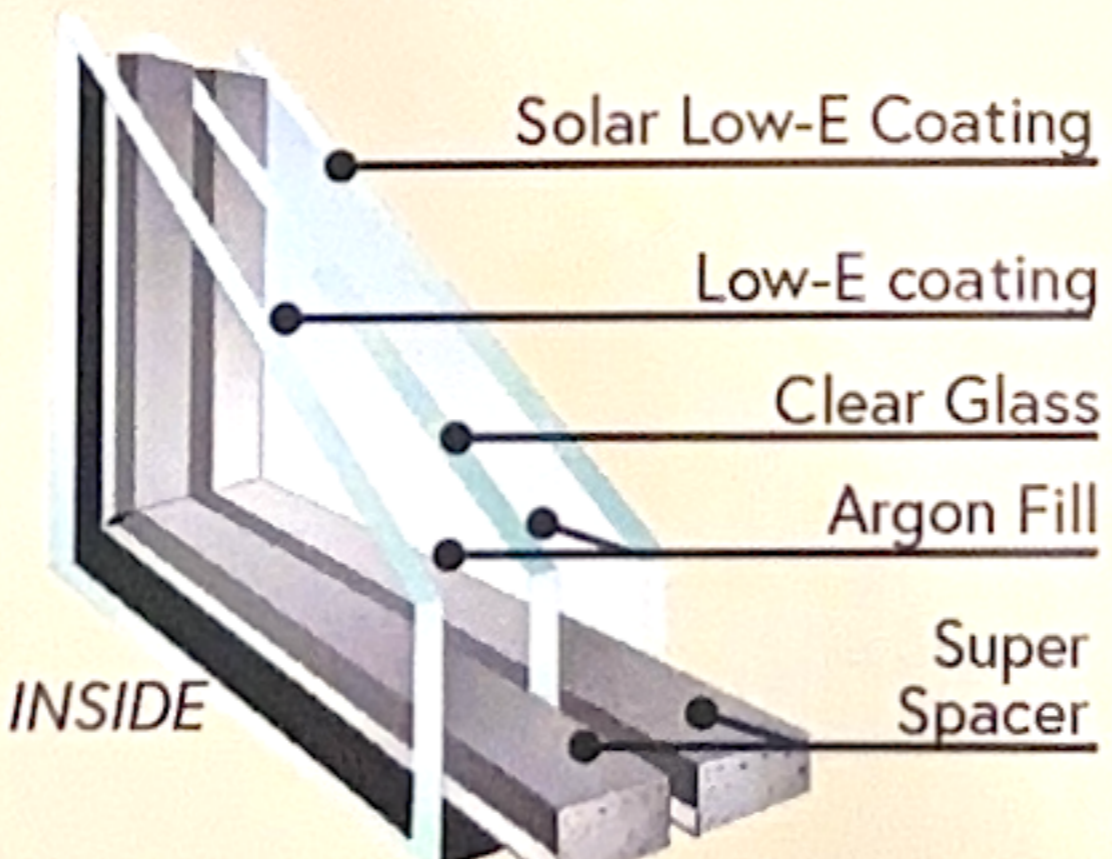
Double-hung window with two Low-E coatings, single-strength glass, and argon gas.



U	S	V	C
0.19	0.22	0.36	70

Solar Ultra Glass Triple-Pane with Super Spacer

Double-hung window with a Solar Low-E coating and Low-E coating, single-strength glass, and argon gas.



U	S	V	C
0.19	0.18	0.34	70

U= U-Factor S= Solar Heat Gain Coefficient V= Visible Transmittance C= Condensation Resistance

SUPER SPACER®

Protects against energy loss and the effects of harmful condensation and helps to maintain a healthy environment

This revolutionary TrueWARM® spacer system outperforms all others. The world's only 100 percent foam sealing system blocks heat and provides one of the best thermal performance in the industry. Unlike metal spacers, this system is flexible and resists the stress from seasonal weather changes. The less metal there is, the lower the U-Factor, and the more energy you save.



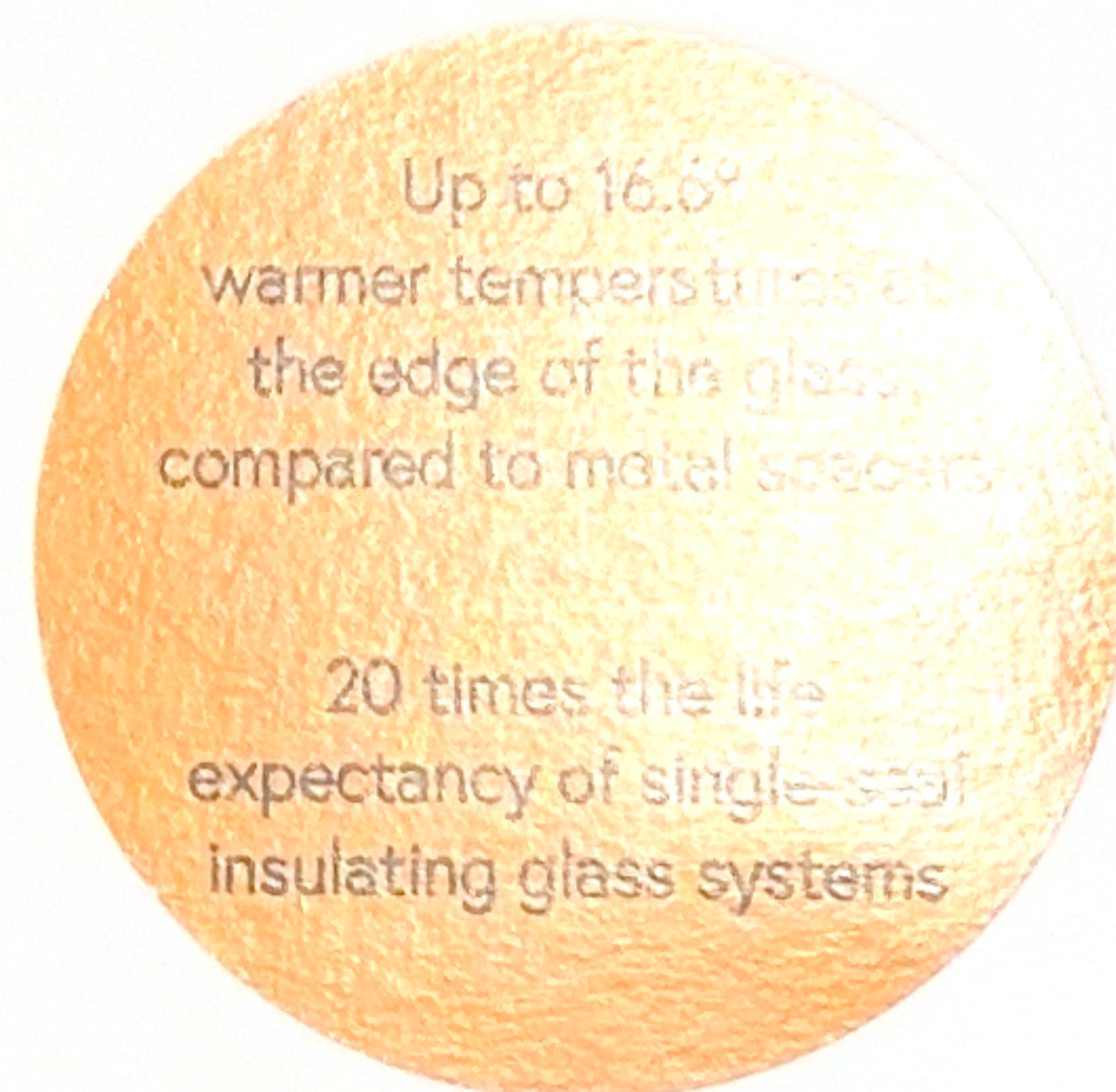
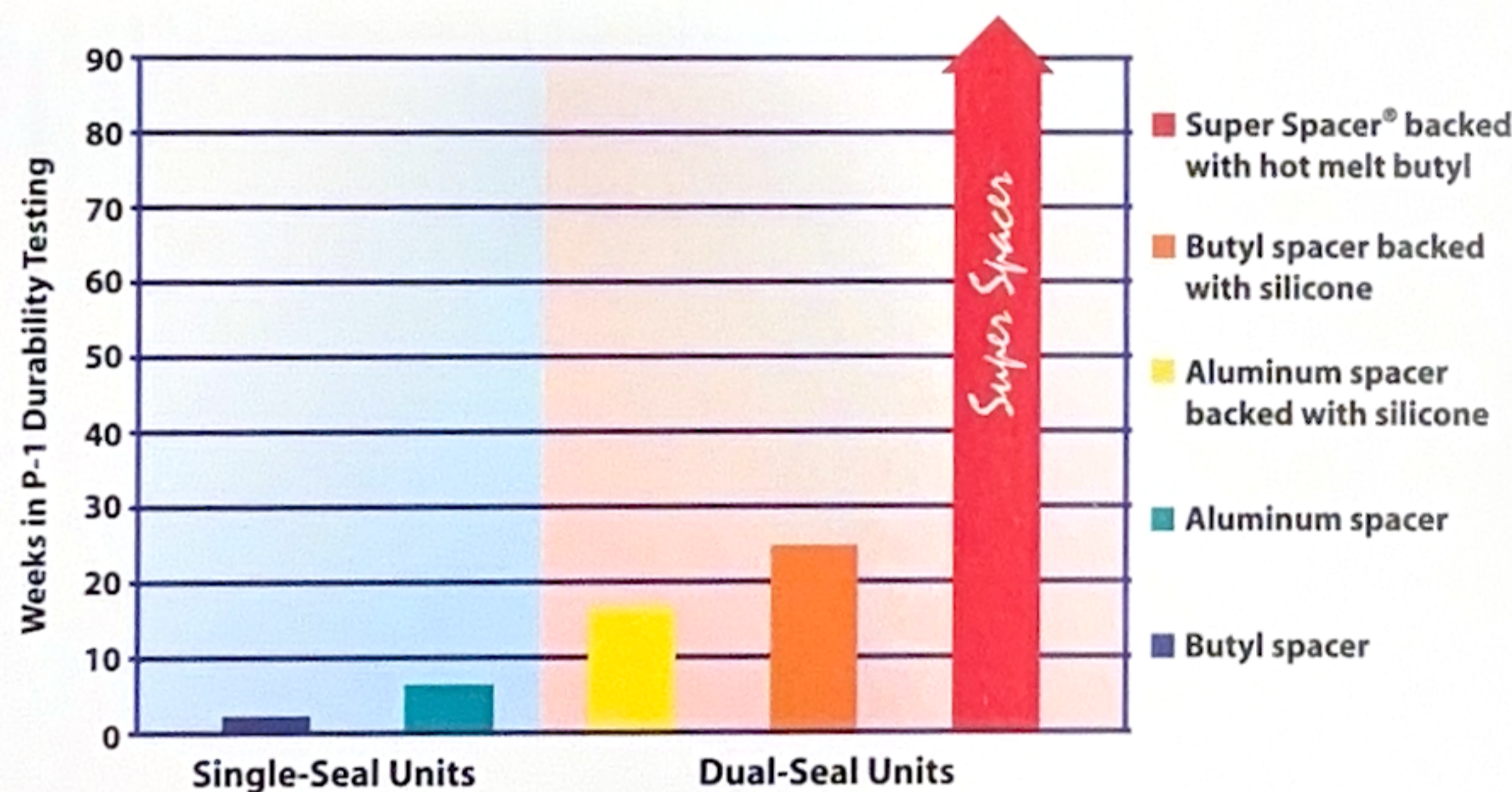
Full-metal spacer



Metal-free Super Spacer

The Super Spacer boasts a proprietary multi-layer vapor barrier and structural adhesive combined with a perimeter-edge sealant for dual-seal durability. This feature separates the glass and drastically reduces the transfer of cold conduction through the glass unit.

This warm edge works to minimize condensation and allow for comfortable household humidity levels. Condensation is unsightly and can lead to stained wood, peeling paint, rotted frames, mold growth. The P-1 durability test shows the dramatic difference Super Spacer makes to the longevity of your insulated glass system. The P-1 is the world's toughest durability test, exposing units to 140°, 95-100 percent humidity and constant UV bombardments. Each week of testing equals one year of actual field use.



Harmful condensation and frosting on windows always start along the edge of the glass because that is where the spacers are located. All-metal and partial-metal spacers transfer a lot of heat/cold. Combine that with the household humidity, and it is the perfect situation for buildup on the window. When the moisture on the window then starts dripping down the inside walls, it provides an ideal environment for mold growth. Mold has been linked to childhood asthma, respiratory issues, allergies, and fungal diseases.



The warmest edge among dual-seal systems.

up to
**+14.4°F/
8°C**

warmer temperature at the edge of the glass

Outside 0°F/-17.8°C 4.2°F/-1.1°C
Inside 70°F/21.1°C 4.2°F/-1.1°C

WHEN IT'S COLD OUTSIDE, METAL TYPE SPACERS CAN DRAIN THE ENERGY OF YOUR HIGH PERFORMANCE WINDOWS.

