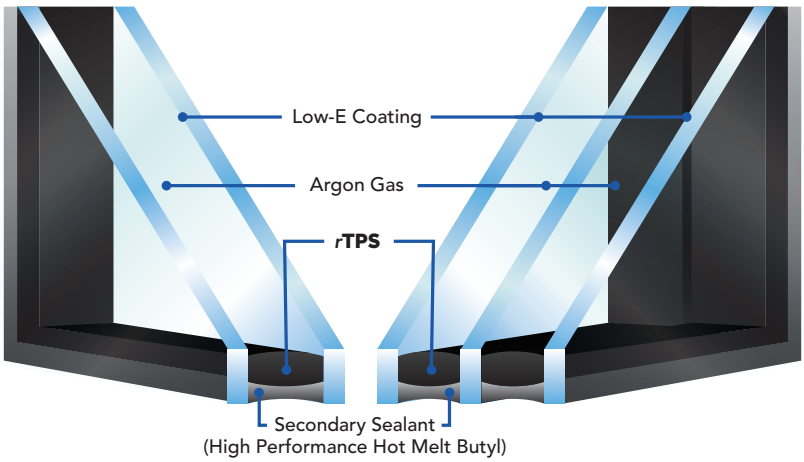
IntelliGlass

FEATURING rTPS TECHNOLOGY

What Is rTPS?

The Reactive TPS (ThermoPlastic Spacer) spacer system is a one-piece, multi-tasking solution designed to deliver unmatched performance and reliability for insulated glass units.



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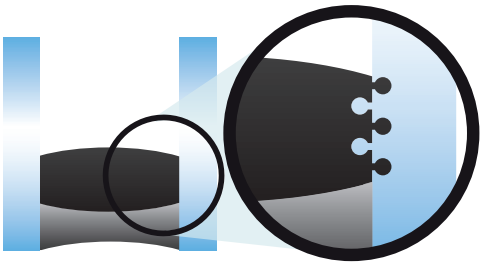
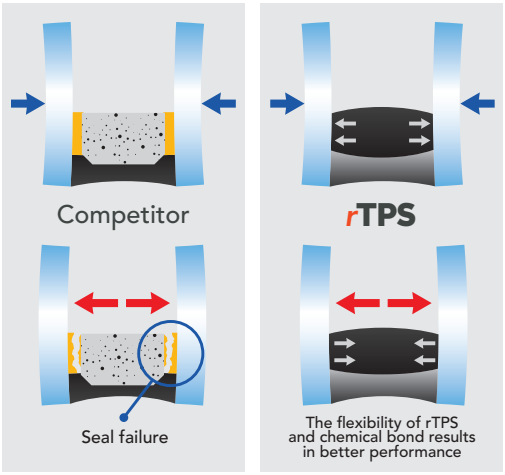
FEATURING *r*TPS TECHNOLOGY

Why Choose *r*TPS?

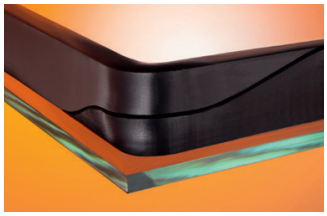


Edge deletion removes coatings, exposing clean glass for a structurally stronger, permanent chemical bond between the ***r*TPS** spacer and the glass.

COLD AIR CONTRACTION



WARM AIR EXPANSION

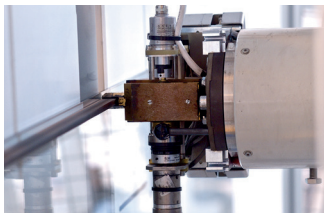


Engineered for Durability

The structural spacer is designed to remain permanently elastic, flexing under mechanical stress caused by temperature-induced expansion, contraction, or structural movement.

Precision and Stability

A chemically stable bond, even in extreme temperatures, keeps the spacer straight and securely in place—no creeping, buckling, or sagging over time.



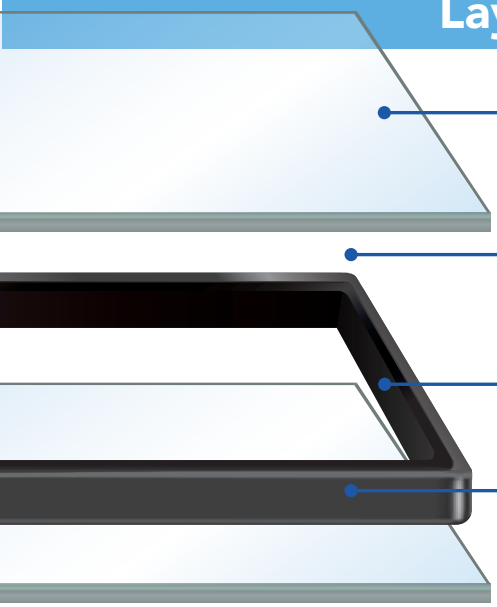
Edge Seal Technology

The primary seal chemically bonds instantly with the glass, creating a cohesive edge seal system. This ensures your windows remain moisture, gas, and air-tight for the long haul.

Enhanced Energy Efficiency

With low thermal conductivity and warm-edge performance, the ***r*TPS** spacer enhances the insulating properties of Low E glass, maximizing energy efficiency and comfort in your home.

Layers of Performance



Glass

IGUs consist of two or three glass panes separated by a spacer, creating an insulating air or gas layer that reduces heat transfer. Low-emissivity (low-e) coatings reflect heat in winter and block UV rays and solar heat in summer, enhancing comfort and lowering energy bills.

Insulating Gas

Filling the gaps with argon gas provides better insulation than air. Argon is affordable, widely available, and highly effective at reducing heat transfer, making it the most common choice for modern IGUs.

*r*TPS

An advanced warm-edge spacer that reduces condensation, boost efficiency, and extends the IGU lifespan.

Secondary Seal

Dual-seal systems combine moisture resistance and structural stability to prevent gas leaks and moisture infiltration, ensuring long-term durability.