

BARRIERXP[®] THERMD SPACER SYSTEM

THE SUPERIOR STRENGTH OF STEEL



ADVANCED WINDOW TECHNOLOGY FOR EXCELLENT ENERGY EFFICIENCY



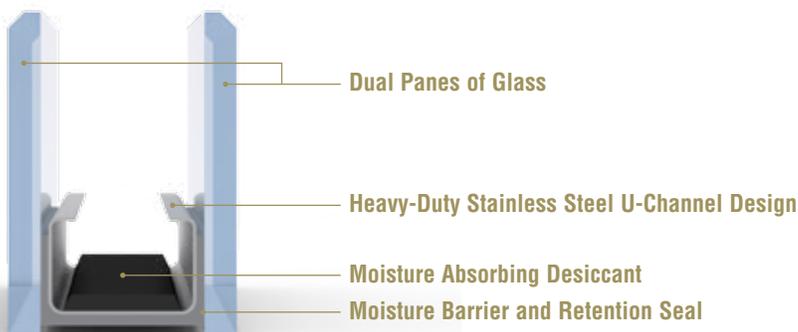
BARRIERXP® THERMD SPACER SYSTEM

For ultra energy-efficient¹ windows that withstand heavy-duty wear and tear as well as harsh wind and weather, a smart choice in spacer systems stands clear: the BarrierXP ThermD Intercept[®] Stainless Steel Spacer. This extra-strong spacer system not only stabilizes the panes of glass and creates a moisture seal, it increases the structural integrity and thermal performance of the entire window unit.

SUPERIOR POWER AND PROTECTION – IT'S IN THE STEEL

Recognized for its unequalled strength, durability and resistance to corrosion, stainless steel is an excellent material for spacer system construction. While some spacer systems are made from aluminum or even foam, the BarrierXP ThermD Spacer is precision-engineered with a stainless steel alloy to ensure outstanding performance.

Take a closer look. BarrierXP ThermD Spacer's distinctive U-shaped design and "warm-edge" technology together deliver superior longevity and energy efficiency.



Moisture Vapor Shield BarrierXP ThermD Intercept Stainless Steel Spacer with a moisture-absorbing desiccant is stronger by design and better at retaining insulating gas² compared to traditional box metal spacers; the moisture barrier also helps prevent the passage of water or water vapor that could fog the unit.

Maximum Insulating Performance Stainless steel is impervious to gas transmission, which improves the insulating gas retention in the window unit for increased energy savings.

Resists Stress on the Glass Seal BarrierXP ThermD Spacer is designed to withstand the effects of thermal expansion and pressure changes with flex and low stress on the sealant bond, thus preventing seal failure.

Helps Prevent Condensation The patented U-shape construction provides an insulating barrier and helps prevent the transfer of heat at the edge of the glass to reduce condensation, which can damage woodwork and window treatments.



BarrierXP ThermD glass packages are available with a variety of ENERGY STAR[®] qualified options. Please consult your window professional for an energy-efficient glass package for your home and climate zone.

HIGH-ENDURANCE CONSTRUCTION

You may not realize it, but the quality and strength of the spacer system can impact the service life of your windows. The BarrierXP ThermD Intercept Stainless Steel Spacer System is built tough from the inside out to ensure long-lasting performance and value.

Metal spacers, especially those made of stainless steel, are by far the strongest spacers available. The BarrierXP ThermD Spacer, which is U-shaped in its design, supports seal longevity and gas retention by allowing the glass and sealant to move with the normal expansion and contraction of the window due to temperature changes. This flexibility eliminates the stress on the sealant and spacer by allowing the components to work with cohesive structural integrity.

Enhanced thermal protection is assured, as each window manufactured with the BarrierXP ThermD Spacer is produced using highly automated and precision-calibrated equipment to achieve a tight and secure seal for greater retention of the insulating gas.

You'll also appreciate the aesthetic benefits of BarrierXP ThermD Spacer's appearance inside the window. With its rigid design and strong seal, the spacer is positioned tightly between the two panes of glass for a neat, clean appearance.



This illustration shows how the BarrierXP ThermD Spacer expands and contracts with the window glass. In warmer weather, the spacer allows for expansion. In colder weather, the spacer contracts with the glass. The spacer's flexibility ensures that the sealant used is not compromised and won't separate from the metal or the glass. This further contributes to better retention of the insulating gas.



3773 State Road, Cuyahoga Falls, Ohio 44223
www.gentekinc.com

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¹See your Gentek Sales Representative for additional information regarding any questions you might have, or any assertions herein, concerning energy efficiency or savings. Energy savings will vary. ²Insulated glass (IG) units that require capillary tubes may experience some argon gas depletion. All specifications and designs subject to change without notice. Due to product changes, improvements and other factors, Gentek reserves the right to change or delete information contained herein without prior notice. Intercept is a registered trademark of Vitro Architectural Glass. ENERGY STAR name and logo are registered U.S. marks and are owned by the U.S. government. USGBC and related logo is a trademark owned by the U.S. Green Building Council and is used by permission.