

Edgetherm® FS



A proven 100% solids extrusion of a quality thermoplastic compound plus a concentrated desiccant layer which provides rapid dew point development.

Basic Use

The inherent flexibility and versatility of Edgetherm's all-in-one technology offers insulating glass manufacturers a variety of profiles designed for a variety of IG applications.

Colors

Edgetherm FS is available in black.

Sizes

Sizes vary according to profile. Contact Quanex Customer Service Center for size information. Special sizes are available upon request.

Packaging

Black: Flat disks and spools available in disposable packaging.

Shelf Life

One year in unopened containers at storage conditions below 77° F (25° C).

Technical Services

Your Quanex Building Products Representative, in conjunction with your Quanex Building Products Technical Service Group, can provide in-plant training and assistance with special applications.

Availability/Cost

Availability and cost can be obtained from your local Quanex Representative or by calling our Customer Service Center. For more information call Truseal, a Quanex Building Products company: in the U.S. 888-910-5280; in Canada 888-794-4453.

Performance	Norm
Moisture Vapor Transmission Rate 0.09 g H ₂ O per square meter per 24 hrs. for a .060" (1.5 mm) film at 100° F (38° C).	ASTM F 1249
Volatile Fogging Passes	ASTM E 2190
Argon Permeance 6-8 c.c/100 in. ² per 24 hrs. per atmosphere as measured on a .040" (1.02 mm) film at 77° F (25° C).	ASTM D 1434
Resistance of Compression of Self-Contained Aluminum Spacer 8 mils thickness, > 1,900 pounds per linear foot, when compressed at rate of 2 inches (50 mm) per minute.	
<small>Note: The foregoing information is published as general information only. The listed properties and performance characteristics are approximate value and are not part of the product specification.</small>	

Glazing Compatibility and Design Recommendations

In general, materials such as hot-applied sealants, silicones, glazing tapes and solvent acrylics are compatible. Refer to Technical Bulletin SG003 at www.Quanex.com for a list of approved glazing materials or inquire about compatibility testing. Fabricated units shall be glazed in accordance with GANA (Glass Association of North America) and IGMA (Insulating Glass Manufacturers Alliance) recommendations. Please check with your Quanex Representative for specific glazing recommendations.

Storage Conditions

Store in original airtight container. Expose to air only during application. Procedures for opening and resealing Edgetherm FS containers should be followed as outlined in Technical Bulletin IG019 available at www.Quanex.com.

Health & Safety

For all Quanex products, and for other product used in conjunction with Quanex products, users must follow individual product labels and Material Safety Data Sheets for warnings and precautions prior to opening containers and during use and storage.

Environmental Conditions

Non-hazardous under normal use for handling and waste disposal. Spools are both recyclable or returnable.

Warranty

See Truseal warranty certificate.

Edgetherm® FS is a registered trademark of Truseal Technologies, Inc.

Quanex recommends you visit www.Quanex.com and register to ensure you have the most current updates to this data and all other Quanex sales and technical materials.

Key Features Summary

- Concentrated desiccant layer provides rapid dew point development
- Double and triple pane insulating glass units
- Flexible for a wide variety of applications
- Improved production speed, efficiency, simplicity, and cost effectiveness for IG unit manufacturers
- Very low moisture vapor transmission rate
- Thermally broken edge seal system: 4 times more efficient than aluminum spacer bars
- Black sightline available to complement the aesthetics of windows and doors
- Reduced edge stress: flexible seal with excellent adhesion
- Very low argon permeability. Easy to create excellent seal after gas filling
- Accommodates thermal movement
- Imprinted for product authenticity



Quanex warm-edge IG spacer systems are used by our customers to assemble ENERGY STAR® qualified windows and doors.



ISO 9001:2008,
Certificate Registration 10001512 QM08