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### PRODUCT DESCRIPTION

EnerEDGE® E is a pre-desiccated, ready-to-apply, EPDM (Ethylene-propylene-diene-monomer) warm-edge spacer that is suitable for the most demanding insulating glass construction is fenestration applications.

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### BASIC USES

EnerEDGE E spacer is inset and applied to a glass lite's perimeter to enable fabrication of dual and triple-glazed IG units in conjunction with an applied quality perimeter sealant.

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### FEATURES & BENEFITS

#### Superior Spacer Materials and Design

- Use of EPDM polymer backbone provides premium performance and chassis stability across all applications, climates, and solar exposures.
- "Low float" edge seal design minimizes area of permeability at the glass lite surfaces, ensuring superior gas retention and a long service life.
- Uniform 3A desiccant encapsulation in the EPDM chassis produces fast dew-point development to absorb moisture vapor, but not gas fills.
- Best-in-Class acrylic PSA provides structural bond to enhance applied sealant's properties.
- Primed metalized vapor barrier design allows for broad selection of applied perimeter sealants, with less potential for gas loss and moisture vapor permeance.

#### IG System Design

- Best-in-Class design, as adhesive bond structure, moisture vapor barrier and sealant performance are provided by three optimized elements.
- A thermoset cellular EPDM chassis provides an elastic structure to permanently separate the lites of glass.

#### Fabricator Productivity

- No messy or dusty desiccant beads nor wavy sightlines of matrix desiccant sealants.
- Prevent acrylic edge bond adhesive for immediate handling and green strength.
- Corner notching options provide fast, crisp application.
- Minimal-to-modest equipment conversion costs from other existing warm-edge spacer systems.

#### Advantages for the Consumer

- Available in Black and Dark Gray.
- Temperature and UV stability ensures best-in-class aesthetics, and EPDM polymer choice provides stability for colorfastness.
- Matte texture of EPDM spacer sightline will remain over service life.
- Low  $K_{eff}$  values to minimize condensation and energy loss, on pace with class-leading alternatives.
- Shaped-unit spacers will match rectangular units, not true with other high-throughput systems.

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### AVAILABILITY

Standard sizes in stock. Contact your local Tremco Sales Representative for more information.

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### PACKAGING

Height:

Standard = 3/16" (4.8 mm)

Spool Dimensions

Auto = 26.125" (66.4 cm) H x 25" (63.5 cm) W x 13.5" (343 cm) D

Mini = 19.75" (50.1 cm) H x 19" (48.3 cm) W x 7.75" (19.7 cm) D

## Air Spaces

3/16" (4.8 mm)	7/16" (11.2 mm)	21/32" (18.3 mm)
1/4" (6.4 mm)	15/32" (11.9 mm)	11/16" (17.5 mm)
9/32" (7.1 mm)	1/2" (12.7 mm)	23/32" (18.3 mm)
5/16" (7.9 mm)	17/32" (13.5 mm)	3/4" (19.1 mm)
11/32" (8.6 mm)	9/16" (14.2 mm)	26/32" (19.8 mm)
3/8" (9.7 mm)	19/32" (15 mm)	13/16" (20.6 mm)
13/32" (10.4 mm)	5/8" (15.9 mm)	7/8" (22.2 mm)

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## COLORS

Available in Black and Dark Gray

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## APPLICABLE STANDARDS

Conforms to performance standards ASTM E2190 and CGSB 12.8.

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## LIMITATIONS

EnerEDGE E IG spacers should not be used in:

- IG applications requiring a structurally-glazed/silicone tensile bead IGU design.
- IG single seal applications where the moisture permeability of the applied sealant  $>6.0 \text{ g/}^2 \cdot 24 \text{ hr}$ . Where the permeability of the applied sealant 3 to  $6 \text{ g/M}^2 \cdot 24 \text{ hr}$ , use 1/4" (6.4 mm) minimum coverage.

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## APPLICATIONS

Application is achieved through fully automated, semi-automated, or manual processes.

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## STORAGE

Spacer should always be stored indoors on pallets and with reels oriented vertically as packaged within sealed, low permeability bags that protect the critical desiccating function of the spacer.

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## SHELF LIFE

3 years when stored in unopened containers as directed.

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## WARRANTY

A repair or replacement warranty is available on all Tremco products. Visit <https://www.tremcosealants.com/warranties/> for details.

Please refer to our website at [www.tremcosealants.com](http://www.tremcosealants.com) for the most up-to-date Product Data Sheets.

**NOTE: All Tremco Safety Data Sheets (SDS) are in alignment with the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) requirements.**

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Tremco Construction Products Group (CPG) brings together Tremco CPG Inc. and its Dryvit and Nudura brands; Willseal; Prebuck LLC; Tremco Barrier Solutions, Inc.; Weatherproofing Technologies, Inc. and its Pure Air Control Services and Canam Building Envelope Specialists offerings; and Weatherproofing Technologies Canada, Inc.



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