

TECHNICAL DATASHEET: Poly-Seal TPO Butyl Tape (Seam Sealing)

PRODUCT DESCRIPTION

Water resistant seam sealing tape with The Gray Matter™ enhanced formula butyl sealant.

TYPICAL APPLICATIONS

- Used as a sealant on HVAC units, skylights and exterior trim
- Seals out air and moisture in homes, sunrooms, rooftops, basements and recreational vehicles
- Applications include mulling window frames together, sealing seams on sunrooms and RV campers, window and roof curb flashing, sealing standing seams, and more

PRODUCT FEATURES & BENEFITS

- Aggressive grip and adhesion. Self-heals around fasteners
- Will not melt or stain like asphalt-based flashing tapes
- Butyl material flows into voids for a positive seal between two mating surface
- Immediate leak proof results
- UV resistant
- Easy, fast and clean installation
- Stays flexible

TECHNICAL DATA	VALUE	TEST METHOD / STANDARD
TOTAL THICKNESS	25-29 Mils	
ADHESIVE THICKNESS	18.5-22.5 Mils	
BACKING/CARRIER THICKNESS	6.5 Mils	
COLOR	White	
MATERIAL/SUBSTRATE	Butyl/TPO	
BACKING/CARRIER	Thermoplastic Polyolefin	
FINISH	Non-Gloss	
ADHESIVE TYPE	Modified Butyl	
ADHESIVE SYSTEM	Permanent Adhesive	
ADHESIVE SIDE	Single Sided Adhesive	
PEEL ADHESION	≥10 pli	
BONDING TIME	Immediate, water tight aggressive grip, full bond within 24 hours.	
TENSILE STRENGTH	680 psi average	ASTM D822
WATER RESISTANCE	Excellent	
RECOMMENDED APPLICATION TEMPERATURE	32°F to 110°F	
UV RESISTANCE	Excellent	
ELONGATION (AVERAGE)	900%	
SERVICE TEMPERATURE	-40°F to 180°F	
FLEXIBILITY (LOW-TEMP)	Pass, no cracking	
XENON-ARC WEATHEROMETER, 340 NM WAVELENGTH, 80°C BLACK BODY TEMPERATURE	Degradation @ 0.70 W/m ²	

NOTE: • Surface must be dry and free of dirt, oil and grease. Position the product precisely. Product is not repositionable. DO NOT STRETCH. Remove the release liner and press down firmly starting at center and

Specifications are believed to be accurate at the time of publication and are subject to change without notice. It is the responsibility of the end-user to test and determine suitability of this material for a particular application. **REV. 0**

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working toward outside edge while removing trapped air. Edges shall be firmly adhered to the substrate without opening or fishmouths. Roll surfaces to maximize adhesive.

- Surfaces must be clean, free of moisture and contamination.

SHELF LIFE/STORAGE	
SHELF LIFE	24 months
RECOMMENDED STORAGE CONDITIONS	35°F to 110°F.