

TECHNICAL DATASHEET: 12# ClipFoam™

PRODUCT DESCRIPTION

High performing mounting tape with very high bond LSE type supported adhesive.

TYPICAL APPLICATIONS

- Seal against air, moisture, light and dust
- Bonding irregular surfaces, cushioning
- Insulates in thermal and sound deadening
- Bonds well to aluminum and glass in solar applications
- For use with molded and extruded plastics
- Shock and vibration absorbance, gap filling
- Extrusion applications
- Substrates including ABS, TPO, PE, PP, powder-coated paints and metals

PRODUCT FEATURES & BENEFITS

- Moderate tack
- Excellent shear strength and adhesion
- Excellent high and low temperature performance
- Conformable
- Foam+PET laminate reduces foam stretching and aids in bonding to extrusion substrates at relatively high speeds
- Minimal moisture absorption
- High density for high performance needs
- Foam die-cuts cleanly and easily
- Lends itself to die-cutting and kiss-cut

TECHNICAL DATA	VALUE	TEST METHOD / STANDARD
THICKNESS	3/32"	
COLOR	Black	
MATERIAL/SUBSTRATE	Crosslinked Polyethylene Foam/EVA	
ADHESIVE TYPE	Acrylic (I626)	
ADHESIVE SYSTEM	Permanent Adhesive	
ADHESIVE SIDE	Double Sided Adhesive	
BACKING / CARRIER	Foam & PET laminate	
LINER	Blue PP	
DENSITY	12 lb/ft ³	
ADHESION TO STEEL, AIR SIDE	86 oz/in	PSTC-101 MOD
ADHESION TO STEEL, LINER SIDE	94 oz/in	PSTC-101 MOD
VOLUME RESISTIVITY, 500 VOLTS @ 85°C , 85% RH	Exceeds 4.8e+12 ohm*cm	
TENSILE STRENGTH (GLASS/GLASS)	121.83 psi	
TENSILE STRENGTH (ALUMINIUM/GLASS)	117.48 psi	
SHEAR STRENGTH (GLASS/GLASS)	90.50 psi	LAP SHEAR (SAMPLE 0.5" x 1.0")
SHEAR STRENGTH (ALUMINUM/GLASS)	85.14 psi	LAP SHEAR (SAMPLE 0.5" x 1.0")
SERVICE TEMPERATURE	-30°F to 220°F	
LAMINATING TEMPERATURE	68°F to 100°F	

NOTE: *Adhesive peel strength supersedes cohesive strength of the foam carrier.

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. H-O will provide samples for this purpose at no charge. **REV. 0**

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SHELF LIFE/STORAGE	
SHELF LIFE	12 months from date of shipment.
RECOMMENDED STORAGE CONDITIONS	40-60% humidity, 60°F to 80°F

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