

TECHNICAL DATASHEET: 25# PVC Glazing Tape

PRODUCT DESCRIPTION

Heavy density, closed-cell polyvinyl chloride foam with an aggressive, pressure-sensitive acrylic adhesive (A3) on both sides and cast on a 5 mil 83# super calendared kraft paper. A3 adhesive provides an excellent combination of tack and holding power. Bonds quickly to most surfaces that are kept clean, dry and free of contamination.

TYPICAL APPLICATIONS

- Long life seal against air, moisture, light and dust penetration
- Insulation in thermal, electrical and sound applications
- Cushions, absorbs shock, and resists wear and abrasion in the most demanding applications
- Seals out air, moisture, light and dust when compressed 30% or more

PRODUCT FEATURES & BENEFITS

- High internal strength resists pressure from outside forces and high hardness resists deterioration
- Excellent fungi, oxidation and weather resistance
- UV resistant
- Resistant to fire, most chemicals, acids and solvents
- Foam density permits exact die cuts and ease of penetration by fasteners
- FMVSS-302: Pass

TECHNICAL DATA	VALUE	TEST METHOD / STANDARD
THICKNESS	1/32"	
COLOR	Black	
MATERIAL/SUBSTRATE	Polyvinyl Chloride (PVC)	
DENSITY	25 lb/ft ³	ASTM D1667
LINER	83# super calendared kraft paper	
ADHESIVE SYSTEM	Permanent Adhesive	
ADHESIVE SIDE	Double Sided Adhesive	
ADHESIVE TYPE	Acrylic (Emulsion based)	
ADHESION TO STEEL (1 MIL PET FILM)	2 lb/in width minimum	ASTM D1000
THERMAL CONDUCTIVITY	0.33 btu/(h·ft ² ·°F)	ASTM C518
TENSILE STRENGTH	130 psi	ASTM D412
WATER ABSORPTION	1.2%	GTP (1)
WEATHER RESISTANCE	Excellent	
COMPRESSION DEFLECTION @ 25%	14 psi	ASTM D1667
COMPRESSION SET @ 25%	6%	ASTM D1667
DUROMETER/HARDNESS (SHORE 00)	58	ASTM D2240
ELONGATION	110%	ASTM D412

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TECHNICAL DATA	VALUE	TEST METHOD / STANDARD
FLAME RETARDANT	Yes	
FMVSS-302	Pass	
RECOMMENDED APPLICATION TEMPERATURE	50°F to 110°F	
SERVICE TEMPERATURE	-30°F to 200°F	
ABRASION RESISTANCE	Excellent	
ACID RESISTANCE	Good	
CHEMICAL RESISTANCE	Excellent	
FUNGI RESISTANCE	Excellent	
OXIDATION RESISTANCE	Excellent	
SOLVENT RESISTANCE	Excellent	
UV RESISTANCE	Excellent	

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