

TECHNICAL DATASHEET: 80 Durometer Solid PVC with Plasticizer Block Film 1016

PRODUCT DESCRIPTION

Solid polyvinyl chloride (PVC) mechanically bonded to a polymeric film barrier on one side, which eliminates plasticizer migration when acrylic pressure sensitive adhesive is applied, helping to maintain a long-term bond to many types of substrates.

TYPICAL APPLICATIONS

- Window setting blocks, shims and protective pads.
- Livestock trailers (no skid), dock ramps, and aluminum dock vibration damping
- Aluminum dock decking spacer tape

PRODUCT FEATURES & BENEFITS

- Adhesive has excellent peel and shear values.
- Inexpensive alternative to commercial grade neoprene, rubber and EPDM setting blocks
- Acrylic adhesive gives great high and low temperature and weather resistance
- PVC compound, can be recycled with sash components
- Low/no skid

TECHNICAL DATA	VALUE	TEST METHOD / STANDARD
THICKNESS	1/16"	
FILM THICKNESS	.0005"	
ADHESIVE THICKNESS	.003"	
COLOR	Black	
MATERIAL/SUBSTRATE	Solid Polyvinyl Chloride (PVC)	
DUROMETER/HARDNESS (SHORE A)	75 ±5	ASTM D2240
LINER	78# clay coated	
ADHESIVE SYSTEM	Permanent Adhesive	
ADHESIVE SIDE	Single Sided Adhesive	
ADHESIVE TYPE	Acrylic	
PEEL ADHESION	100 oz./inch	PSTC-1
TENSILE STRENGTH (MINIMUM)	250 lb/in ²	ASTM D412 (DIE C)
SHEAR STRENGTH, (1" x 1" x 1,000G)	100+ hours	PSTC-7
TEAR STRENGTH (MINIMUM)	40 lb/in	ASTM D624 (DIE C)
LOOP TACK	109 oz/in	SYNTAC TM
ELONGATION (MINIMUM)	30%	ASTM D412 (DIE C)
SERVICE TEMPERATURE, SOLID VINYL	-20°F to 200°F	
SERVICE TEMPERATURE, ACRYLIC ADHESIVE	-30°F to 220°F	
ACID RESISTANCE	Yes	

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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TECHNICAL DATA	VALUE	TEST METHOD / STANDARD
ALCOHOL RESISTANCE	Yes	
ALDEHYDES RESISTANCE	Yes	
AMINES RESISTANCE	Yes	
REDUCING AGENTS RESISTANCE	Yes	
DETERGENT SOLUTIONS RESISTANCE	Yes	
MINERAL OIL RESISTANCE	Yes	
RESISTANCE TO ALIPHATIC HYDROCARBON FLUIDS	Yes	

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