TECHNICAL DATASHEET:
Medium Density PVC Foam

PRODUCT DESCRIPTION

Medium density, closed-cell industrial polyvinyl chloride foam with an acrylic pressure-sensitive adhesive on one side. The water based acrylic PSA has good initial tack, high shear and excellent resistance to plasticizers common in PVC foam and other substrates.

TYPICAL APPLICATIONS

- Applications requiring a combination of flexibility and strength

PRODUCT FEATURES & BENEFITS

- Remains pliable at temperatures of -4°F to 172.4°F
- Excellent fungi, oxidation and weather resistance
- FMVSS-302: Pass
- Builds bond strength with time

TECHNICAL DATA	VALUE	TEST METHOD / STANDARD
THICKNESS	1/16”, 1/8”, 3/16”, 1/4", 3/8”, 1/2"	
COLOR	Gray	
MATERIAL/SUBSTRATE	Polyvinyl Chloride (PVC)	
ADHESIVE SYSTEM	Permanent Adhesive	
ADHESIVE SIDE	Single Sided Adhesive	
ADHESIVE TYPE	Acrylic (Water based)	
ADHESION TO STAINLESS STEEL	12 oz / in min	
DENSITY	9 - 13 lb/ft^3	
COMPRESSION DEFLECTION	3.5 psi	ASTM D1667
FORCE TO COMPRESS @ 25%	6.5 psi	ASTM D1667
WATER ABSORPTION	3%	ASTM D1056
TENSILE STRENGTH	35 psi	ASTM D412 (DIE A)
ELONGATION (WITH ADHESIVE)	140%	ASTM D412
ELONGATION (WITHOUT ADHESIVE)	170%	ASTM D412
DUROMETER/HARDNESS (SHORE 00)	36	ASTM D2240
FMVSS-302	Pass	
SERVICE TEMPERATURE	-40°F to 172.4°F	

Note: Foam without adhesive or liner unless noted. Values based on a sample size of three to five.

SHELF LIFE/STORAGE	
SHELF LIFE	Product shelf life begins on the date of production as referenced by the lot number. Low density PVC foam has a shelf life of 6 months with adhesive when stored at or below 75°F.

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. 2**