

Saint-Gobain Norton® V770 Low-Density Pressure Sensitive Adhesive Sealant Foam

Category : Polymer , Adhesive , Thermoplastic , Vinyl (PVC)

Material Notes:

Description: Low Density Foam Suitable for Sealing of Thin Gauge Metals and Plastics. Closed cell polyvinyl chloride foam sealant with pressure sensitive adhesive on one side. The tight bonding adhesive keeps sealant in place during each stage of product assembly. The adhesive is on the non-linear side, making installation easier and quicker. Features/Benefits: 30% compression provides an excellent seal against light, dust and water in mechanically fastened assemblies. Excellent resistance to weather, fungi, and oxidation provides a long sealing life. Will not crack in cold temperatures. Superb closed cell structure of foam provides a positive seal. Low force to compress means faster and easier formation of a positive seal. Flexibility facilitates use in radius corners. Low density sealant allows easy assembly of large wall systems. Typical Applications: Curtainwall, precast concrete walls, refrigeration, telecommunications, pneumatic system seals, retail weatherstrip, bus and off-road vehicles, air conditioning, environmentally controlled rooms. All data based on a 0.25 inch test sample. (Available in thicknesses from 1/8" to 1/2".) Information provided by Saint Gobain Performance Products.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Saint-Gobain-Norton-V770-Low-Density-Pressure-Sensitive-Adhesive-Sealant-Foam.php

Physical Properties	Metric	English	Comments
Density	0.0969 g/cc	0.00350 lb/in ³	ASTM D1667
Water Absorption	3.0 %	3.0 %	% by volume; NTP-35

Mechanical Properties	Metric	English	Comments
Hardness, Shore OO	18	18	ASTM D2240
Tensile Strength, Yield	0.117 MPa	17.0 psi	ASTM D-412 (Die A)
Elongation at Break	125 %	125 %	ASTM D-412 (Die A)
Compressive Strength	0.00896 MPa	1.30 psi	Compression Deflection, Compressed to 30%.; ASTM D1667
Compressive Modulus	0.0000138 GPa	0.00200 ksi	Force to Compress, Value for 30% compression.
Compression Set	8.0 %	8.0 %	Constant Deflection, Compressed to 30%.; Norton Test Procedure 37

Thermal Properties	Metric	English	Comments
Thermal Conductivity	0.0389 W/m-K	0.270 BTU-in/hr-ft ² - °F	ASTM-C-518
Maximum Service Temperature, Air	71.1 °C	160 °F	
Minimum Service Temperature, Air	-26.1 °C	-15.0 °F	

Descriptive Properties	Value	Comments
Color	Black	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China