

Saint-Gobain Norton® V760 High Density Vibration

Category : Polymer , Thermoplastic , Vinyl (PVC) , PVC, Foam Grade

Material Notes:

Description: Seals and Dampens Vibration: Norseal® V760 is a closed-cell PVC foam sealant with a pressure-sensitive adhesive on one side. Its high-density structure and multitude of tiny cells act like shock absorbers to seal and dampen vibration. **Firm, High Density Foam for Positive Seals:** This shock-absorbing feature makes Norseal V760 ideal for die-cut applications and metal-to-metal sealing. **Versatile and easy to use,** Norseal V760 is designed to produce a positive seal in mechanically fastened assemblies with as little as 30 percent compression. **Conformable and Dimensionally Stable:** Norseal V760 provides excellent conformability to curved and irregular shapes. It is resistant to weather, fungi and oxidation, ensuring a long sealing life. In addition, Norseal V760 is dimensionally stable. It will not drip, ooze or run under compression, and remains flexible at low temperatures. **Pressure Sensitive Adhesive:** The aggressive pressure-sensitive adhesive on one side of Norseal V760 facilitates high-speed application. The easy-peel paper liner eliminates stretching during installation, and removes easily after application. Norseal V760 series is available in gray. For specific low energy plastics, a specially formulated adhesive, "LE" is available. **FEATURES/BENEFITS:** Dimensionally stable under compression Good abrasion resistance Design facilitates high-speed application Liner removes easily after application Resistant to wether, fungi and oxidation Low water absorption for long sealing life Provides insulating properties **Applications:** Truck trailer joint seals, door frame assemblies, concrete forms, export container seals, die-cut gaskets, roof sealing for parapets, duct seals, appliance seals, truck cab overlap seals. All data based on a 0.125 inch test sample. (Available in multiple thicknesses.) Information provided by Saint Gobain Performance Products.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Saint-Gobain-Norton-V760-High-Density-Vibration.php

Physical Properties	Metric	English	Comments
Density	0.238 g/cc	0.00860 lb/in ³	ASTM D1667
Water Absorption	3.0 %	3.0 %	% by volume; NTP-35

Mechanical Properties	Metric	English	Comments
Hardness, Shore OO	45	45	ASTM D2240
Tensile Strength, Yield	0.379 MPa	55.0 psi	ASTM D-412 (Die A)
Elongation at Break	140 %	140 %	ASTM D-412 (Die A)
Compressive Strength	0.0234 MPa	3.40 psi	Compression Deflection, Compressed to 30%.; ASTM D1667
Compressive Modulus	0.0000496 GPa	0.00720 ksi	Force to Compress, Value for 30% compression.; ASTM D1667
Compression Set	4.0 %	4.0 %	Constant Deflection, Compressed to 30%.; Norton Test Procedure 37

Thermal Properties	Metric	English	Comments
Thermal Conductivity	0.0432 W/m-K	0.300 BTU-in/hr-ft ² - °F	ASTM C-518

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	11.1 Å°C	100 Å°F	
Minimum Service Temperature, Air	-26.1 Å°C	-15.0 Å°F	

Descriptive Properties	Value	Comments
Color	Gray	

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