

Saint-Gobain Norton® V780 Medium-Density Pressure Sensitive Adhesive Sealant Foam

Category : Polymer , Adhesive

Material Notes:

Description: Improved Performance: Norseal® V780 medium density foam sealant combines a closed cell foam substrate with a one-sided pressure-sensitive adhesive. Norseal has been specially formulated to provide superior performance with a reduced density foam, and is ideal for applications such as small appliance seals, corrugated wall seals, machinery enclosures, buses and off-road vehicles, HVAC seals, and window and door seals. **Closed Cell Foam:** Meets FMVSS 302 Flammability Standard; Superb closed cell structure of foam uses less material to achieve a positive seal; Consistent seal with a minimum of 30% compression; Available in black. **Pressure-Sensitive Adhesive:** High performance adhesive coating eliminates messy adhesive application; Liner is on the non-adhesive side. The roll stays together during handling with no stretching when applied. **Medium Density:** Specially formulated to provide high performance with a reduced density foam; Excellent weathering, oxidation and fungi resistance provides long life; Formulated to prevent water infiltration on irregular surfaces. **Features/Benefits:** Multipurpose medium density closed cell foam uses less material to achieve a positive seal; Meets FMVSS 302 Flammability Standard; Prevents water infiltration on irregular surfaces; Resistant to weather, Fungi and Oxidation; Broad service temperature range; Dimensionally stable. **Typical applications include:** Corrugated wall seals, lighting equipment, small appliances, door and window seals, machinery enclosures, buses and off-road vehicles, concrete forms, HVAC seals. All data based on a 0.25 inch test sample. (Available in thicknesses from 1/16" to 3/8".) Information provided by Saint Gobain Performance Products.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Saint-Gobain-Norton-V780-Medium-Density-Pressure-Sensitive-Adhesive-Sealant-Foam.php

Physical Properties	Metric	English	Comments
Density	0.144 g/cc	0.00520 lb/in ³	ASTM D1667
Water Absorption	2.5 %	2.5 %	% by volume; NTP-35

Mechanical Properties	Metric	English	Comments
Hardness, Shore OO	28	28	ASTM D2240
Tensile Strength, Yield	0.338 MPa	49.0 psi	ASTM D-412 (Die A)
Elongation at Break	135 %	135 %	ASTM D-412 (Die A)
Compressive Strength	0.0172 MPa	2.50 psi	Compression Deflection, Compressed to 30%.; ASTM D1667
Compressive Modulus	0.0000241 GPa	0.00350 ksi	Force to Compress, Value for 30% compression.
Compression Set	5.0 %	5.0 %	Constant Deflection, Compressed to 30%.; Norton Test Procedure 37

Thermal Properties	Metric	English	Comments
Thermal Conductivity	0.0403 W/m-K	0.280 BTU-in/hr-ft ² -°F	ASTM-C-518

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

Descriptive Properties	Value	Comments
Color	Black	

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