NORSEAL



V820 SERIES

Very Soft, Closed-Cell, Polyvinyl Chloride Foam

Saint-Gobain® **Norseal**® V820 is manufactured by **Saint-Gobain** Performance Plastics Corporation, Tape Solutions business, and comes with a very soft, low density foam that has been engineered for easy compression. Since it can withstand a wide range of temperatures, it can be used in all climates. **Norseal** V820 is dimensionally stable under compression; it will not drip, ooze or shift. In addition, **Norseal** V820 adapts to irregular surfaces. It is easy to radius, enhancing positive seals on curved surfaces. **Norseal** V820 can be used anywhere a soft, conformable foam product is required.

The **Norseal** V820 Series is specially intended to provide the following features:

- Dimensionally stable under compression
- Withstands a wide temperature range
- Low deflection force causes no distortion of thin gauge plastics and metals
- Easy to radius, enhancing positive seal on curved surfaces
- Very conformable, adapts easily to irregular surfaces
- Flame resistant to meet FMVSS 302

Available Sizes

Standard thickness: .125, .188, .25, .375, .50, .625, .75 and .9 in. (3.2, 4.8, 6.4, 9.5, 12.7, 15.9, 19 and 23 mm)

Master roll size: 48 to 56 in. (1219 to 1422 mm) width (width is thickness dependent).
Length varies with thickness.

Special thickness and roll sizes also available.



APPLICATIONS

- Refrigeration display cases
- Refrigeration coolers
- Electronic cabinets
- Light and dust seals
- Suspended ceilings
- Wall systems
- Environmentally controlled rooms
- Toolbox lid seal
- Anti-squeak seal

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Norseal V820 — Properties

Performance tests are run using standard test procedures.
The values presented are typical values and should not be used for specification purposes.

Property	Test Method	Value or Rating
Density: lbs./cu. ft. (kg/m³)	ASTM D1667	6 (96.1)
Hardness: Shore 00	ASTM D2240	10
Force to Compress: psi (kPa)*	ASTM D1667	1.7 (11.7)
Compression Deflection: psi (kPa)*	ASTM D1667	.5 (3.4)
Compression Set: % lost fr. orig. ht.*	NTP-37	4
Water Absorption (% by volume)*	NTP-35	5
90° Peel Adhesion: oz./in (N/m) 15 min. dwell	PSTC-2	64 (700)
Elongation %	ASTM D412 Die A	125
Tensile: psi (kPa)	ASTM D412 Die A	13.7 (94)
Thermal Conductivity: BTU, in./hr.ft.² °F	ASTM C518	0.27
Color	—	Black

* Based on 30% compression. NTP: Internal Test Procedure.

Norseal V820 — Standard Roll Sizes

Product No.	Thickness in. (mm)	Length ft. (m)
V824	.125 (3.2)	100 (30.5)
V826	.188 (4.8)	50 (15.2)
V828	.25 (6.4)	50 (15.2)
V8212	.375 (9.5)	25 (7.6)
V8216	.50 (12.7)	25 (7.6)
V8220*	.625 (15.9)	20 (6)
V8224*	.75 (19)	15 (4.6)
V8229*	.9 (23)	13 (4)

3" I.D. cardboard cores standard.
* Special gauge, minimums will apply.

Options (subject to minimum order requirements)

Adhesive base: No adhesive, available upon request. Liner: Permanent PET film available upon request.

Important Instructions

Because **Saint-Gobain** cannot anticipate or control every potential application, we strongly recommend testing of this product under individual application conditions prior to commercial use. The product contains plasticizer, which may adversely affect some plastics.

Surfaces must be clean and free of oil, grease, moisture, dust and dirt. Isopropyl alcohol is good for cleaning the surface. Do not remove liner until tape is in proper position. Avoid touching adhesive surface before application. The adhesive is intended for positioning during the assembly process. The foam tape is secured in the joint by compression of the adjacent substrates.

The application temperature should be between 40°F and 125°F (4°C to 52°C). It is not recommended to apply these sealants at temperatures below 40°F (16°C), as the adhesive does not flow in this condition and can result in poor bonding. Recommended service temperature is between-30°F to 180°F (-34°C to 82°C)..

Shelf Life

6 months after the date of sale when stored in original packaging at temperatures up to 70°F (21°C) and 50% relative humidity.

IMPORTANT: It is the user's responsibility to ensure the suitability and safety of Saint-Gobain products for all intended uses and that the materials to be used comply with all applicable regulatory requirements. Saint-Gobain assumes no responsibility for any product failures that occur due to your actions or inactions, including your use, design, fabrication or application of the products into which the materials are incorporated.

WARRANTY: This document should not be considered a warranty or a guarantee. The descriptions of the Product provided hereinabove may vary based on specifications requested and testing protocols. Typically, Saint-Gobain warrants that product(s) will meet mutually agreed specifications at delivery and Saint-Gobain honors any breach of warranty claims for six (6) months from delivery of the products. If a product is determined to be nonconforming with its warranty, Saint-Gobain's sole obligation is, at its option, to either replace the nonconforming products or reimburse the purchase price for the same.

The only obligation under any applicable product warranty will be to replace any portion proving defective, or at our option, to refund the purchase price thereof. SAINT-GOBAIN DISCLAIMS ALL OTHER EXPRESS OR IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR USE.

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