



B FOAM

Medium, Closed-Cell, Automotive Polyvinyl Chloride Foam

Saint-Gobain® Norseal® B Foam is manufactured by **Saint-Gobain** Performance Plastics Corporation, Tape Solutions business, and comes with a medium-density PVC foam sealant, combining a closed-cell polyvinyl chloride foam substrate with a one-sided, pressure-sensitive adhesive. **Norseal** B Foam Series has been specifically formulated to provide superior performance with a reduced-density foam.

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

- 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

OEM Approvals

General Motors Specification Number: GMW17408 (Type IV-Class 2)

Available Sizes

Standard thickness: .063, .125, .188, .25 and .375 in. (1.6, 3.2, 4.8, 6.4 and 9.5 mm)

Master roll size: 56 in. (1,422 mm) width. Length varies with thickness.

Special thickness and roll sizes also available.



APPLICATIONS

- Instrumentation panel
- Side mirrors
- Sunroofs
- Door locks
- NVH seals
- HVAC modules

Norseal B Foam – 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/m ³)	ASTM D-1667	9 (144)
Hardness: Shore 00	ASTM D-2240	18
Force to Compress: psi (kPa)*	ASTM D-1667	3.5 (24)
Compression Deflection: psi (kPa)*	ASTM D-1667	2.5 (17)
Compression Set: % lost fr. orig. ht.*	NTP-37	5
Water Absorption (% by volume)*	NTP-35	2.5
90° Peel Adhesion: oz./in (N/m) 15 min. dwell	PSTC-2	16 (175)
Elongation %	ASTM D-412 Die A	135
Tensile: psi (kPa)	ASTM D-412 Die A	49 (338)
Thermal Conductivity: BTU, in./hr.ft. ² °F	ASTM C-518	0.28
Foam Color	-	Black

* Based on 30% compression
NTP: Internal Test Procedure

Options (subject to minimum order requirements)

Adhesive base: No adhesive, available upon request.

Liner: Permanent PET film and other weight paper liners 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 sealant 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 -15°F to 160°F (-26°C to 71°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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Norseal B Foam – Standard Roll Sizes

Product No.	Thickness in. (mm)	Length ft. (m)
B02	.063 (1.6)	200 (61)
B04	.125 (3.2)	100 (30.5)
B06	.188 (4.8)	50 (15.2)
B08	.25 (6.4)	50 (15.2)
B12	.375 (9.5)	25 (7.6)

3" I.D. cardboard cores standard



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