NORSEAL

L FOAM

Very Soft, Closed-Cell, Automotive Polyvinyl Chloride Foam

Saint-Gobain® **Norseal**® L Foam is manufactured by **Saint-Gobain** Performance Plastics Corporation, Tape Solutions business, and comes with a very soft, low-density PVC 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** L Foam is dimensionally stable under compression; it will not drip, ooze or shift. In addition, L Foam adapts to irregular surfaces. It is easy to radius, enhancing positive seals on curved surfaces, and can be used anywhere a soft, conformable foam product is required.

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

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

OEM Approvals

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

Available Sizes

Standard thickness: .08, .125, .188, .25, .375, .50, .594 and .75 in.
(2.0, 3.2, 4.8, 6.4, 9.5, 12.7, 15.1 and 19.1 mm)

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

Special thickness and roll sizes also available.

APPLICATIONS

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

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Norseal L Foam — Properties

Performance tests are run using standard test procedures. The values presented are typical values and should not be used for specification purposes.
Formally promoted under product name **Norseal** L (BL)

Property	Test Method	Value or Rating
Density lbs./cu. ft. (kg/m³)	ASTM D-1667	6 (96.1)
Hardness: Shore 00	ASTM D-2240	10
Force to Compress: psi (kPa)*	ASTM D-1667	1.7 (11.7)
Compression Deflection: psi (kPa)*	ASTM D-1667	.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 D-412 Die A	125
Tensile: psi (kPa)	ASTM D-412 Die A	13.7 (94)
Thermal Conductivity: BTU, in./hr.ft.² °F	ASTM C-518	0.27
Foam Color	-	Black

* Based on 30% compression
NTP: Internal Test Procedure

Norseal L Foam — Standard Roll Sizes

Product No.	Thickness in. (mm)	Length ft. (m)
L03	.08 (2.0)	200 (60.1)
L04	.125 (3.2)	100 (30.5)
L06	.188 (4.8)	50 (15.2)
L08	.25 (6.4)	50 (15.2)
L12	.375 (9.5)	25 (7.6)
L16	.50 (12.77)	25 (7.6)
L19	.594 (15.1)	25 (7.6)
L24	.75 (19.1)	25 (7.6)

3" I.D. cardboard cores standard

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 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 -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.

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North America | South America
Europe | Asia
For more information, please visit
tapesolutions.saint-gobain.com

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.

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