NORSEAL



A FOAM

Soft, Closed-Cell, Automotive Polyvinyl Chloride Foam

Saint-Gobain® **Norseal**® A Foam is manufactured by **Saint-Gobain** Performance Plastics Corporation, Tape Solutions business, and comes with a closed-cell, low density PVC foam sealant with a pressure-sensitive adhesive on one side.

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

- Low-density foam suitable for sealing of thin gauge metals and plastics
- 30% compression provides an excellent seal against light, dust and water in mechanically fastened assemblies
- Excellent resistance to weather, fungi and oxidation provides a long sealing life
- Will not crack in cold temperatures
- Superb closed-cell structure of foam provides a positive seal
- Low force to compress means faster and easier formation of a positive seal
- Flexibility facilitates use in radius corners
- Flame resistant to meet FMVSS 302

OEM Approvals

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

Available Sizes

Standard thickness: .094, .125, .188, .25, .313, .375, .50, .594 and .625 in. (2.4, 3.2, 4.8, 6.4, 7.9, 9.5, 12.7, 15 and 15.9 mm)

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

Special thickness and roll sizes also available.



APPLICATIONS

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

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Norseal A 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/m³)	ASTM D-1667	6 (96.1)
Hardness: Shore 00	ASTM D-2240	18
Force to Compress: psi (kPa)*	ASTM D-1667	2 (13.8)
Compression Deflection: psi (kPa)*	ASTM D-1667	1.3 (9)
Compression Set: % lost fr. orig. ht.*	NTP-37	8
Water Absorption (% by volume)*	NTP-35	3
90° Peel Adhesion: oz./in (N/m) 15 min. dwell	PSTC-2	24 (262)
Elongation %	ASTM D-412 Die A	125
Tensile: psi (kPa)	ASTM D-412 Die A	17 (117)
Thermal Conductivity: BTU, in./hr.ft.² °F	ASTM C-518	0.27
Flammability Resistance	FMVSS 302	Pass
Foam Color	-	Black

* Based on 30% compression
NTP: Internal Test Procedure

Norseal A Foam — Standard Roll Sizes

Product No.	Thickness in. (mm)	Length ft. (m)
A03	.094 (2.4)	200 (61)
A04	.125 (3.2)	100 (30.5)
A06	.188 (4.8)	50 (15.2)
A08	.25 (6.4)	50 (15.2)
A10	.313 (7.9)	90 (27.4)
A12	.375 (9.5)	25 (7.6)
A16	.5 (12.7)	50 (15.2)
A19	.594 (15.0)	25 (7.6)
A20	.625 (15.9)	50 (15.2)

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 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.

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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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