NORSEAL

C FOAM

Firm, Closed-Cell, Automotive Polyvinyl Chloride Foam

Saint-Gobain® **Norseal**® C Foam is manufactured by **Saint-Gobain** Performance Plastics Corporation, Tape Solutions business, and comes with a closed-cell PVC foam sealant with or without a pressure-sensitive adhesive on one side. Its high-density structure dampens vibration and offers good abrasion resistance for severe automotive applications.

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

- Dimensionally stable under compression
- Good abrasion resistance
- Flame resistant to meet FMVSS 302
- Resistant to weather, fungi, and oxidation
- Low water absorption for long sealing life

OEM Approvals

General Motors Specification Number: GMW17408 (Type V-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
- HVAC
- Sunroofs
- Vibration dampening
- Gas strap

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Norseal C 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	15 (240)
Hardness: Shore 00	ASTM D-2240	52
Force to Compress: psi (kPa)*	ASTM D-1667	14 (94)
Compression Deflection: psi (kPa)*	ASTM D-1667	9 (64)
Compression Set: % lost fr. orig. ht.*	NTP-37	5
Water Absorption (% by volume)*	NTP-35	2
90° Peel Adhesion: oz./in (N/m) 15 min. dwell	PSTC-2	23 (251)
Elongation %	ASTM D-412 Die A	160
Tensile: psi (kPa)	ASTM D-412 Die A	115 (790)
Tear Strength, pli (kM/m)	ASTM D-624 Die C	18 (3.7)
Flammability Resistance	FMVSS 302	Pass
Foam Color	-	Black

* Based on 30% compression
NTP: Internal Test Procedure

Norseal C Foam — Standard Roll Sizes

Product No.	Thickness in. (mm)	Length ft. (m)
C02	.063 (1.6)	150 (45.7)
C04	.125 (3.2)	75 (22.9)
C06	.188 (4.8)	50 (15.2)
C08	.25 (6.4)	50 (15.2)
C12	.375 (9.5)	25 (7.6)
C16	.50 (12.7)	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 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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North America | South America
Europe | Asia
For more information, please visit
tapesolutions.saint-gobain.com

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