



NORSEAL[®]

V770 Series

Providing protection in your environment

Soft, Closed-Cell, Polyvinyl Chloride Foam

Saint Gobain NORSEAL[®] V770 is a closed-cell, low density PVC foam sealant with a pressure-sensitive adhesive on one side.

The NORSEAL V770 series is specially designed 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
- Low density sealant allows easy assembly of large wall systems
- Flame resistant to meet FMVSS 302

Available Sizes

Standard thickness: .125, .188, .25, .375 and .50 in. (3.2, 4.8, 6.4, 9.5 and 12.7 mm)

Master roll size: 56 in. (1422 mm) width. Length varies with thickness.

Special thickness and roll sizes also available.

Applications

- Electronic cabinet seals
- HVAC seals
- Curtainwall
- Refrigeration
- Precast concrete walls
- Telecommunications
- Pneumatic system seals
- Retail weatherstrip
- Bus and off-road vehicles
- Environmentally controlled rooms



NORSEAL® V770 Series – 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 D1667	6 (96.1)
Hardness: Shore 00	ASTM D2240	18
Force to Compress: psi (kPa)*	ASTM D1667	2 (13.8)
Compression Deflection: psi (kPa)*	ASTM D1667	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 D412 Die A	125
Tensile: psi (kPa)	ASTM D412 Die A	17 (117)
Thermal Conductivity: BTU, in./hr.ft. ² °F	ASTM C518	0.27
Flammability Resistance	FMVSS 302	Pass
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 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.

NORSEAL® is a registered trademark of Saint-Gobain Performance Plastics.



SAINT-GOBAIN

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Limited Warranty: For a period of 6 months from the date of first sale, Saint-Gobain Performance Plastics warrants this product(s) to be free from defects in manufacturing. Our only obligation will be to provide replacement product for any portion proving defective, or at our option, to refund the purchase price thereof. User assumes all other risks, if any, including the risk of injury, loss or damage, whether direct or consequential, arising out of the use, misuse, or inability to use this product(s).

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NORSEAL® V770 – Standard Roll Sizes

Product No.	Thickness in. (mm)	Length ft. (m)
V774	.125 (3.2)	100 (30.5)
V776	.1875 (4.8)	50 (15.2)
V778	.25 (6.4)	50 (15.2)
V7712	.375 (9.5)	25 (7.6)
V7716	.50 (12.7)	25 (7.6)

3" I.D. cardboard cores standard