

V770 SERIES

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 - 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

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

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.

SAINT-GOBAIN
Performance Plastics - Tape Solutions
North America | South America | Europe | Asia
For a full list of locations, please visit
tapesolutions.saint-gobain.com/contact-us

IMPORTANT: It is the user's responsibility to ensure the suitability and safety of Saint-Gobain Performance Plastics products for all intended uses and that the materials to be used comply with all applicable regulatory requirements. Saint-Gobain Performance Plastics assumes no responsibility for any product failures that occur due to misuse of the materials it provides arising out of the design, fabrication or application of the products into which the materials are incorporated.

WARRANTY: For a period of 6 months, Saint-Gobain Performance Plastics warrants this product(s) to be free from defects in manufacturing. 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 PERFORMANCE PLASTICS DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.**

Form #1046 | © Saint-Gobain December 2017 | **Norseal** and **Saint-Gobain** are trademarks of Saint-Gobain.