

EXTRUSION PROFILES

Custom Extruded Foam Profiles

Saint-Gobain® Norseal® foam extrusions have a number of features specifically designed to enhance user productivity. The extrusions feature a "skin" which substantially eliminates open surface cells. These foam extrusions are resistant to weather, oxidation and fungi, and remain flexible at low temperatures.

Norseal PVC Polymer Foam

Norseal PVC foam profiles provide a faster and more economical solution to a wide range of sealing applications. Featuring a skin on all sides and utilizing soft, easy-to-compress formulations, **Norseal** is an attractive alternative to wet caulk sealing methods.

Norseal PVC NSF approved Formulations

Norseal NSF foam extrusions are available in a full range of densities and a variety of custom shapes. **Norseal** NSF can be ordered in formulations approved to National Sanitation Foundation standards.

Norseal Extruded Thermoplastic Elastomer Foam

Norseal thermoplastic elastomer (TPE) formulations provide sealing products with enhanced temperature and chemical resistance for demanding applications. The high-performance foamed TPE provides superior resistance to inorganic materials (acids and bases) and faster compression recovery than PVC foams.

Norseal extrusion profiles are specially designed to provide the following features:

- Long spooled lengths are ideal for automated production runs
- Provides excellent seal against light, dust and moisture
- Pressure-sensitive adhesives are available for increased versatility



APPLICATIONS

- Walk-in refrigerated cooler rooms
- Ice machines
- Access panel seals
- Appliance seals
- Log homes
- Automotive seals
- Truck cab window seals

Norseal Extrusion Profiles - Properties

(Formerly known as Norex and Norprene)

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	Norseal PVC Foam Typical Range	Norseal Thermoplastic Elastomer Typical Value
Density: lb/cu. ft. (kg/m ³)	ASTM D1667	7/14 (112/224)	15 (240)
Hardness: Shore 00	ASTM D2240	45/70	53
Tensile Strength: psi (kPa)	NTP-7	800/210 (552/1448)	115 (793)
Elongation: %	NTP-7	165/210	175
30% Compression: psi (kPa)	ASTM D1667	2.7/14.2 (186/979)	3.8 (26.2)
30% Deflection: psi (kPa)	ASTM D1667	.9/4.5 (6.1/31.9)	3.4 (23.4)
Compression Set Room Temperature: 24 hour recovery % *	NTP-37	2%	2%

* Based on 30% compression NTP: Internal Test Procedure

Options (subject to minimum order requirements)

Please contact Customer Service for other dimension options.

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. **Norseal** PVC products contain 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 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 -15°F to 160°F (-26°C to 71°C).

Shelf Life

12 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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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.

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