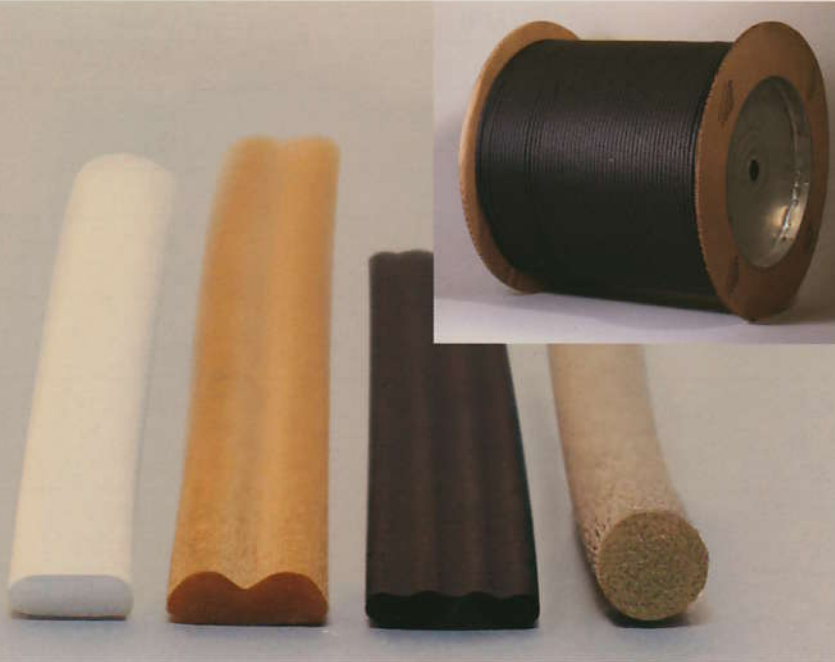


NOREX® & NORPRENE® Extruded Foam Profiles



Custom extruded foam profiles with or without pressure-sensitive adhesive.

Features/Benefits

- Long Spooled Lengths are Ideal for Automated Production Runs
- Provides Excellent Seal Against Light, Dust and Moisture
- Cell Structure of Foam Requires Less Material to Achieve a Positive Seal
- Resistant to Weather, Oxidation and Fungi, and Remains Flexible at Low Temperatures
- Pressure-sensitive Adhesives are Available for Increased Versatility

Typical Applications

- Appliance Seals
- Log Homes
- Commercial Refrigeration
- Automotive Seals
- Access Panel Seals
- Truck Cap Window Seal

Foam Extrusion Characteristics

Norex® and Norprene® foam extrusions have a number of features specifically designed to enhance user productivity. The extrusions feature a “skin” which substantially eliminates open surface cells. The cell structure also requires less material to achieve a positive seal. These foam extrusions are resistant to weather, oxidation and fungi, and remain flexible at low temperatures.

Norex® PVC Polymer Foam

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

NSF Approved Formulations

Norex foam extrusions are available in a full range of densities and a variety of custom shapes. Norex can be ordered in a formulation approved to NSF (National Sanitation Foundation) Standard.

Norprene® Extruded Thermoplastic Elastomer Foam

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

Range of Options

A variety of options are available for Norex and Norprene including a choice of adhesives and liners. These products are available in custom-length spools or cut lengths. For custom profile and configuration capabilities please contact our Applications Engineering Department.

Typical Physical Properties

Property	Test Method	Norex® PVC Foam Typical Range	Norpene® Thermoplastic Elastomer Typical Value
Density lb./cu. ft. (kg/m ³)	ASTM D-1667	7/14 (112/224)	15 (240)
Hardness: Shore 00	ASTM D-2240	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 D-1667	2.7/14.2 (186/979)	3.8 (26.2)
30% Deflection psi (kPa)	ASTM D-1667	0.9/4.5 (6.1/31.9)	3.4 (23.4)
Compression Set Room Temperature: 24 hour recovery %*	NTP-37	~2%	2%
Recommended Service Temp.		-15°F TO 160°F (-26°C TO 71°C)	-15°F TO 250°F (-26°C TO 121°C)
Recommended Application Temp.		40°F TO 125°F (4°C TO 52°C)	40°F TO 125°F (4°C TO 52°C)

*Based on 30% compression.

Parameter values are not guaranteed and will vary from lot to lot.

For specification writing, contact Saint-Gobain Performance Plastics Service Department.

Storage: Material should be stored at 70°F, 50% relative humidity.

Application Guide: Surfaces should be cleaned before applying. Do not remove liner until sealant is in proper position. Avoid touching adhesive surface before application. Saint-Gobain Performance Plastics recommends testing all sealants under actual application conditions prior to commercial use.

Distributed By:

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Saint-Gobain Performance Plastics
One Sealants Park
Granville, NY 12832
Tel: 800-724-0883
Tel: 518-642-2200
Fax: 518-642-1792



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