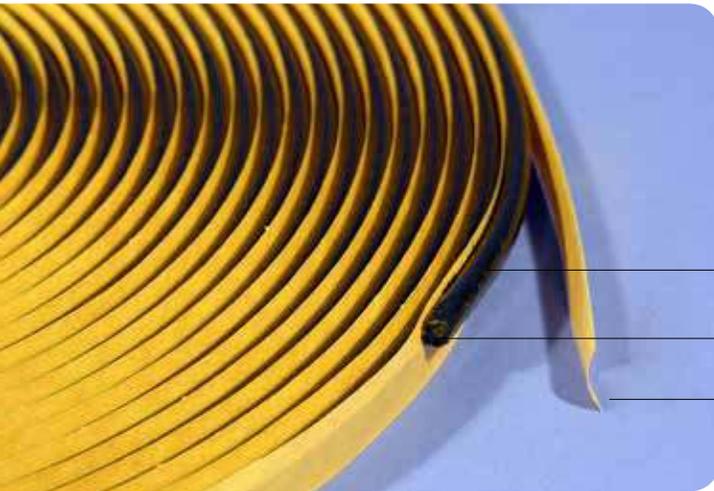


Butyl Coated Foam Extrusions



High tack 100% solid butyl coating. Adheres aggressively.

Compressible PVC foam inner core.

Easy release liner for clean, rapid application.

Unique Foam Core with High Adhesion Butyl

NOREX® Butyl-Coated Foam (BCF) extrusions are an efficient and cost-effective solution to the most demanding sealing applications, including appliance, automotive and cabinet duct seals, as well as sealants for refrigerator, marine and modular window applications. The PVC foam core compresses easily to conform and fill joints.

Dual Properties Provide Flexibility

NOREX® features the compression/deflection properties of a PVC foam seal with the high adhesion sealing of butyl. As NOREX® is compressed, it exerts a deflection force back to maintain sealing integrity.

These dual properties provide the flexibility necessary for applications with irregular contours and complex shapes. The product also resists cold without cracking. NOREX® soft foam core provides a lower force to compress requiring fewer fasteners and less chance of substrate deflection.

Seals against Water

NOREX® low moisture vapor transmission rate makes it ideal for refrigeration applications. The product also seals against water penetration to prevent corrosion or moisture damage. NOREX® high tack (100% butyl coating) ensures that the product adheres quickly and cleanly to most surfaces.

Range of Options

A variety of options are available on the NOREX® Butyl Coated Foam extrusions, including a range of densities and a choice of paper or polyethylene liner. For custom profile or configuration capabilities, please contact your Saint-Gobain sales representative.

Compressible PVC foam inner core with high tack solid butyl coating

Features & Benefits

- Conforms to corner radiusing and irregular contours.
- Resists cold without cracking.
- Low moisture vapor transmission rate.
- Seals against water penetration.
- Easy-release liner for clean application.

Applications

- Appliance seals.
- Automotive seals.
- Commercial refrigeration.
- Metal building.
- Prefabricated construction.
- Marine sealing.
- Recreational vehicle window and roof seals.
- Fixed modular windows.
- Cabinet duct seals.

NOREX® Butyl Coated Foam Extrusions

Reference	Nominal size (mm)	Roll length (m)	Rolls per box
BP-C48-K16-150	5	21	24
BP-C64-K18-150	6	17	20
BP-C79-K18-170	8	13	20
BP-C95-K20-180	10	11	18
BP-C127-K24-200	12	8	15

Other shapes, sizes and densities are available.

Storage : Material should be stored at 22°C, 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 individual application conditions.

Typical Physical Properties

Property of the Foam	Typical Value	Test Method
Density, g/cm ³	0.15-0.20	ASTM D1667
Hardness, Shore 00	30	ASTM D2240
Tensile strength, kPa	980	NTP7
Elongation, %	180	NTP7
Force to compress*, kPa	40	ASTM D1667
Compression force deflection*, kPa	13	ASTM D1667
Compression set*, % loss	< 2	NTP37
Water penetration*	No leaks	NTP38
Cold flexibility at -10°C	No cracking	AAMA 810.1
ELV, RoHS Regulation	Pass	

* Based on 30% compression

Property of the Butyl Sealant	Typical Value	Test Method
Density, g/cm ³	1.25	ASTM D1667
Solid content, %	> 99	ASTM D2834
Ash content, %	< 60	ASTM D2834
ELV, RoHS Regulation	Pass	

Application Properties	Typical Value
Shelf life	1 year minimum
Recommended service temp.	-25 to +70°C
Recommended application temp.	+4 to +40°C

Parameter values are not guaranteed and may vary from lot to lot. For specification writing, contact your Saint-Gobain Performance Plastics representative.



NOREX is a registered trademark.

Saint-Gobain Performance Plastics

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