

BUTYL COATED FOAM

Compressible PVC foam inner core with high tack solid butyl coating

Unique Foam Core with High Adhesion Butyl

Norseal® BCF (Butyl Coated Foam) are manufactured by **Saint-Gobain**® Performance Plastics Corporation, Tape Solutions business, and are intended to be an efficient and cost-effective solution to the most demanding sealing applications.

Dual Properties Provide Flexibility

Norseal Foam Extrusions feature the compression/deflection properties of PVC foam with the high adhesion sealing of butyl. As PVC foam 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. **Norseal** Foam Extrusions provide a lower force to compress requiring fewer fasteners and less chance of substrate deflection.

Seals against Water

Norseal low moisture vapor transmission rate makes it ideal for refrigeration applications. The product also seals against water penetration to prevent corrosion or moisture damage. **Norseal** 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 **Norseal** Butyl Coated Foam, including a range of densities and a choice of paper or film liner. For custom profile or configuration capabilities, please contact your **Saint-Gobain** sales representative.

Features & Benefits

- Resists cold without cracking
- Low moisture vapor transmission rate
- Seals against water penetration
- Easy-release liner for clean application



APPLICATIONS

- Automotive seals
- Appliance seals
- Commercial refrigeration
- Metal building
- Marine sealing
- Prefabricated construction

Norseal Butyl Coated Foam — Standard Products

Part Number	Profile	Dimensions mm	Length/roll m (ft)	Foam Core Density g/cm ³ (lb/ft ³)	Liner material	Packaging Rolls/Box	Box Size (L x W x H) mm
BP-C48-K16-150	●	4.8	21 (69)	0.15 (9.4)	Paper	24	403 x 398 x 430
BP-C48-P16-150	●	4.8	21 (69)	0.15 (9.4)	Blue Film	24	403 x 398 x 430
BP-C64-K18-150	●	6.4	17.1 (56)	0.15 (9.4)	Paper	20	403 x 398 x 430
BP-C79-K18-170	●	7.9	13.1 (43)	0.17 (10.6)	Paper	20	403 x 398 x 430
BP-C95-K20-180	●	9.5	11.4 (37.5)	0.18 (11.2)	Paper	18	403 x 398 x 430
BP-C103-K20-210	●	10.3	3.25 (10.7)	0.21 (13.1)	Paper	15	230 x 230 x 400
BP-C127-K24-220	●	12.7	7.9 (26)	0.22 (13.7)	Paper	15	403 x 398 x 430
BP-C127-K24-100	●	12.7	7.9 (26)	0.10 (6.2)	Paper	15	403 x 398 x 430
BP-R32/95-K20-160	■	9.5 x 3.2	24.1 (79)	0.16 (10)	Paper	18	403 x 398 x 430
BP-R32/127-K24-160	■	12.7 x 3.2	24.1 (79)	0.16 (10)	Paper	15	403 x 398 x 430
BP-R100/200-K32-200	■	20 x 10	10 (33)	0.20 (12.5)	Paper	12	403 x 398 x 430
BP-R150/160-K32-240	■	16 x 15	10 (33)	0.24 (15)	Paper	10	503 x 498 x 430
BP-S64/127-K24-140	◐	12.7 x 6.4	17 (55.8)	0.14 (8.7)	Paper	15	403 x 398 x 430

Other shapes, sizes and densities are available. (for customized products, contact our sales representative)

Storage: Material should be stored at 22°C, 50% relative humidity.

Application guide: Surface should be cleaned before applying. Do not remove liner until sealant is in proper position. Avoid touching adhesive surface before application.

Typical Physical Properties

Property of the Foam	Typical Value	Test Method
Density, kg/m ³	0.15 - 0.24	ASTM D1667
Hardness, Shore 00	50 - 70	ASTM D2240
Tensile Strength, kPa	> 700	NTP-7
Elongation, %	> 80	NTP-7
Force to Compress*, N/100m	10 - 100 **	ASTM D1667
Compression Force Deflection*, N/100m	3 - 40 **	ASTM D1667
Compression set*, %	< 10	NTP-37
Water penetration (U-test)	Pass	NTP-38
ELV, RoHS Regulation	Pass	

* Based on 30% compression

** The value may vary largely depend on size and density

Property of the Butyl Sealant	Typical Value	Test Method
Density, kg/m ³	100 - 150	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.		-23 - 70°C
Recommended Application Temp.		4 - 40°C

Parameter values are representative to provide information and will vary from lot to lot.

For specification writing, please contact your **Saint-Gobain** Customer Care representative.

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

WARRANTY: This document should not be considered a warranty or a guarantee. The descriptions of the Product provided hereinabove may vary based on specifications requested and testing protocols. Typically, Saint-Gobain warrants that product(s) will meet mutually agreed specifications at delivery and Saint-Gobain honors any breach of warranty claims for six (6) months from delivery of the products. If a product is determined to be nonconforming with its warranty, Saint-Gobain's sole obligation is, at its option, to either replace the nonconforming products or reimburse the purchase price for the same.

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 DISCLAIMS ALL OTHER EXPRESS OR IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR USE.

Form #1021 | © Saint-Gobain April 2025 | All the mentioned trademarks are registered trademarks of Saint-Gobain Tape Solutions or affiliates, part of Saint-Gobain group.



TAPE SOLUTIONS

North America | South America
Europe | Asia

For more information, please visit
tapesolutions.saint-gobain.com