

SEALANT ACCESSORIES

FillPro Open Cell

FillPro® Open Cell Backer Rod (formerly Tundra Foam) is a pliable open-cell polyurethane foam material used for filling irregular joints. It is chemically inert and will resist oil, gasoline and most other solvents. The material will not stain, or adversely adhere to sealant or caulking materials.

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APPLICATIONS

Commonly used in expansion and contraction joints, window glazing, curtain wall construction partitions, precast assemblies and copings, parking decks, bridge construction, etc.

BENEFITS

FillPro Open Cell is an ideal non-gassing backer rod used to control sealant and caulking depth and create a back stop to allow proper sealant tooling and configuration, to allow proper sealant airing and to yield a proper bond break between backup material and sealant. Limiting the depth of the sealant prevents excessive use, saving on caulk or sealant. Compressibility is ideal for non-uniform joint sizes.

INSTALLATION

The joint depth must be great enough to allow for the proper installation of the FillPro Open Cell backer rod and the hot or cold sealant or caulking material. Joint walls must be smooth, even and be free of any loose materials. Joints should also be dry and frost free. With a correctly-sized tool or by hand, insert FillPro Open Cell rod into joint at a level recommended by the sealant manufacturer. Cold applied sealants generally recommend that the depth of the joint after the backer rod is installed be one half the width. In hot pour applications, it is generally recommended the depth of the joint be a 1:1 of backer rod to sealant.

FEATURES:

- // Open cell
- // Highly compressible for easy installation in irregular joints
- // Chemically inert
- // Resistant to oil, gas and other solvents
- // Made in Canada
- // ASTM C1330 Type O

COMPATIBLE WITH:

- // Virtually all known hot pour and cold applied sealant including silicone and rubber asphalt

STOCKED OPTIONS:

- // Available in black or yellow
- // Available in a wide of sizes
(See reverse side)



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FillPro®

TECHNICAL DATA – FillPro® Open Cell Backer Rod (Formerly Tundra Foam)

Description

Flexible, open cell polyurethane foam backer rod in continuous coils.

Typical Properties

Property	Value	Test Method
Density (nominal)	1.7 lbs/cu.ft	ASTM D1622
Outgassing (# of bubbles)	0	ASTM C1253
Tensile Strength psi (kPa)	25 lbs maximum	ASTM D1623
Compression Recovery, %, min	> 98	ASTM D5249
Compression Deflection psi (kPa)	1.4	ASTM D5249
Temperature Range	-60°F to 500°F	–
Elongation	75% min	ASTM D3574
Compression Set @ 90%	15% (max)	ASTM D3574
Classification	Type O	ASTM C1330

Sizes

Diameter	Sleeves Per Pk	Bags Per Sleeve	Feet Per Bag	Feet Per Sleeve	Feet Per 6 Pack	Metric Diameter	Meters Per Sleeve
3/8"	6	4	750	3000	18000	9 mm	914
5/8"	6	4	500	2000	12000	15 mm	608
7/8"	6	2	525	1050	6300	22 mm	320
1-1/8"	6	2	300	600	3600	28 mm	182
1-1/2"	6	2	175	350	2100	38 mm	106
2"	6	2	100	200	1200	50 mm	60

Size and lengths per pack are those at time of packaging and may vary with climatic condition after manufacture.

One size fits many joints, though 25 to 50% larger is a good basis for a tight seal.

Carton Sizes and Weights

Rod Diameter	Weight Per Carton	6-Packs Per Skid	Measurement	Circumference / Girth
3/8" – 2" (9mm – 50mm)	60 lbs (27 kgs)	8	24" x 24" x 21" (610 mm x 610 mm x 533 mm)	108" (2.7 m)

Recommendation

Sold in soft, compressed bundles, containing [6] packs. It is recommended for bundles to be opened immediately upon receipt to allow adequate time for recovery

All data and technical information are based on results achieved under typical application conditions. It is the customer's responsibility to verify if the product is suitable for the intended application. The responsibility for professional and correct installation and compliance with relevant building regulations lies with the customer. By ordering/receiving product you accept the Armacell General Terms and Conditions of Sale applicable in the region. Please request a copy if you have not received these.

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ABOUT ARMACELL

As the inventors of flexible foam for equipment insulation and a leading provider of engineered foams, Armacell develops innovative and safe thermal, acoustic and mechanical solutions that create sustainable value for its customers. Armacell's products significantly contribute to global energy efficiency making a difference around the world every day. With 3,100 employees and 24 production plants in 16 countries, the company operates two main businesses, Advanced Insulation and Engineered Foams. Armacell focuses on insulation materials for technical equipment, high-performance foams for high-tech and lightweight applications and next generation aerogel blanket technology.



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