

SEALANT ACCESSORIES

# FillPro Backer Rod

Armacell offers the largest size range and widest choice of backup materials available anywhere. With outstanding service, prompt delivery and competitive prices, Armacell is your one-stop source for a full range of backer rod products for many applications.

- // FillPro Standard
- // FillPro Hot Rod XL
- // FillPro Soft Type
- // FillPro Open Cell
- // FillPro Flat Backer Rod (FBR)

[www.armacell.us](http://www.armacell.us)



 **armacell**<sup>®</sup>  
ArmaComp<sup>™</sup>

# Backer Rod

Backer rods are round or flat flexible lengths of foam that are used as a "backing" in joints or cracks to help control the amount of sealant used or the depth of the sealant in the gap. Some applications require closed-cell back-up material that won't absorb moisture, others seal best with open cell foam that is highly compressible and will fill irregular joints more evenly. No matter your application, Armacell offers the most extensive collection of backup materials and the largest range of sizes on the market. Combined with outstanding service, prompt delivery and competitive pricing, Armacell is the only one-stop source for all your backer rod requirements. Armacell's FillPro® backer rods are sold through Sealant and Accessories distributors in the US and Canada.

FillPro Standard



FillPro Hot Rod XL



FillPro Soft Type



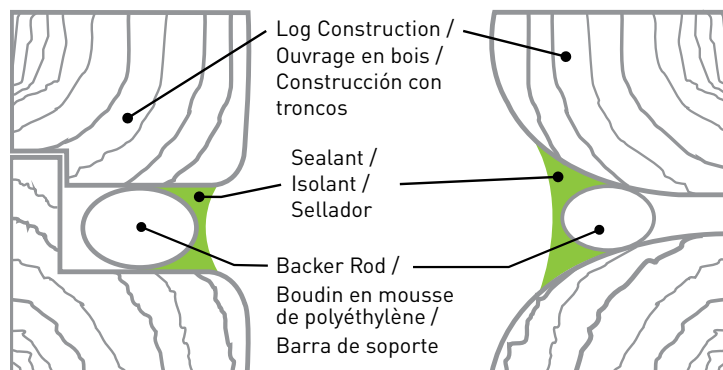
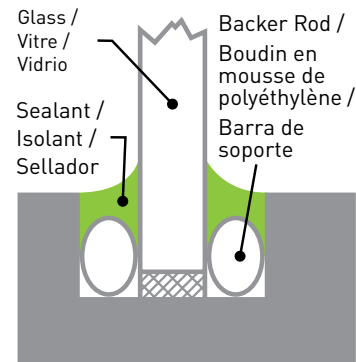
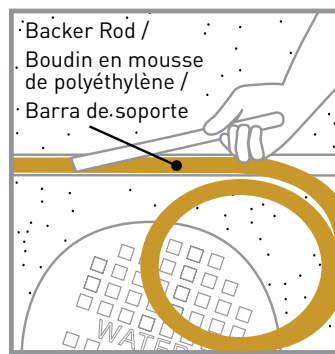
FillPro Open Cell



FillPro Flat Backer Rod



## APPLICATIONS



## Technical Data: FillPro Backer Rod

### FillPro Standard

Closed cell polyethylene foam

Diameter	Feet Per Carton	Diameter	Feet Per Carton
1/4"	4000 (2 spools)	1-1/2"	395 (6' lengths)
3/8"	2100 (1 spool)	2"	228 (6' lengths)
1/2"	2500 (2 spools)	2-1/2"	144 (6' lengths)
5/8"	1550 (2 spools)	3"	102 (6' lengths)
3/4"	1100 (1 spool)	4"	48 (6' lengths)
7/8"	850 (1 spool)	5"	90 (6' lengths)
1"	600 (1 spool)	6"	60 (6' lengths)
1-1/4"	400 (1 spool)		

### FillPro Hot Rod XL

Crosslinked closed cell polyethylene foam

Product Code	Size
3/8"	2100 (1 spool)
1/2"	2500 (2 spools)
5/8"	1550 (2 spools)
3/4"	1100 (1 spool)
7/8"	850 (1 spool)
1"	600 (1 spool)
1-1/4"	400 (1 spool)
1-1/2"	396 (6' lengths)
2"	228 (6' lengths)

### FillPro Soft Type

Bi-cellular, soft, pliable, joint-forming polyethylene foam

Product Code	Size
3/8"	2100 (1 spool)
5/8"	2500 (2 spools)
7/8"	850 (1 spool)
1-1/8"	500 (1 spool)
1-1/2"	396 (6' lengths)
2"	228 (6' lengths)
2-1/2"	144 (6' lengths)
3"	102 (6' lengths)
4"	48 (6' lengths)

### FillPro Open Cell

Open cell polyurethane foam

Diameter	Sleeves Per 6 pack	Bags Per Sleeve	Feet Per Bag	Feet Per Sleeve
3/8"	6	4	750	3000
5/8"	6	4	500	2000
7/8"	6	4	525	1050
1-1/8"	6	4	300	600
1-1/2"	6	4	175	350
2"	6	4	100	200

Product must be purchased in 6-pack quantities. To avoid compression "set", straps and boards must be removed. Store in sleeve form or bag form only.

### FillPro Flat Backer Rod (FBR)

Closed-cell polyethylene foam in flat format with tear-away tab

Width	Thickness	Roll Length	Rolls Per Bag
4"	.5"	50'	12

### Backer Rod Comparison Chart

Typical Properties

Property	Standard	Hot Rod XL	Soft Type	Open Cell	Flat Backer Rod (FBR)	Test Method
Density (nominal)	> 1.5	1.5 - 2.5 lbs/cu.ft	1.8-2.5 lbs/cu.ft	1.7 lbs/cu.ft		ASTM D1622
Outgassing (# of bubbles)	> 1	> 1	> 1	0		ASTM C1253
Tensile Strength	> 24 PSI	16 PSI	43.4 PSI	25 PSI		ASTM D1623
Compression Recovery, % Min	> 96	> 96	> 95	> 98		ASTM D5249
Compression Deflection @ 25%	7 PSI min	5.8 PSI	5 PSI	1.4 PSI		ASTM D5249
Water Absorption	0.03 gm/cc	0.03 gm/cc	0.03 gm/cc	N/A		ASTM C1016
Temperature Range	90°F to 210°F	392°F	90°F to 210°F	-60°F to 500°F		ASTM D5249 (Hot Rod Only)
Elongation	N/A	N/A	N/A	75% (min)		ASTM D3574
Compression Set @ 90%	N/A	N/A	N/A	15% (max)		ASTM D3574
Classification	ASTM C1330-02 Type C	N/A	ASTM C1330-02 Type B	ASTM C1330-02 Type O		ASTM C1330
Classification	ASTM D5249 Type 3	ASTM D5249 Type 1	ASTM D5249 Type 3	N/A		ASTM D5249
Use	Cold Applied Sealants	Cold Applied or Hot Pour Sealants	Cold Applied Sealants	Cold Applied or Hot Pour Sealants		
Material	Closed Cell PE	Cross Linked Closed Cell PE	Bi-cellular PE	Open Cell Polyurethane		

All data and technical information are based on results achieved under the specific conditions defined according to the testing standards referenced. Despite taking every precaution to ensure that said data and technical information are up to date, Armacell does not make any representation or warranty, express or implied, as to the accuracy, content or completeness of said data and technical information. Armacell also does not assume any liability towards any person resulting from the use of said data or technical information. Armacell reserves the right to revoke, modify or amend this document at any moment. 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. This document does not constitute nor is part of a legal offer to sell or to contract.

At Armacell, your trust means everything to us, so we want to let you know your rights and make it easier for you to understand what information we collect and why we collect it. If you would like to find out about our processing of your data, please visit our [Data Protection Policy](#).

© Armacell, 2022. All rights reserved. Trademarks followed by ® or TM are trademarks of the Armacell Group.  
00131 | FillPro | Flyer | 092022 | NA | EN-A | 5393

## 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 26 production plants in 18 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.

For more information, please visit:  
[www.armacell.us](http://www.armacell.us)

