

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

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FillPro[®]

Backer Rod

Backer rods are round, 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



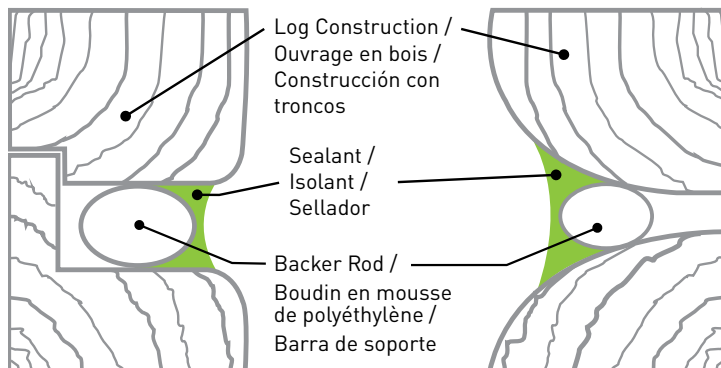
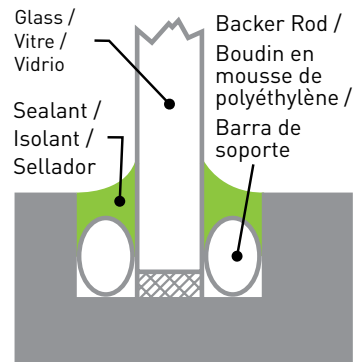
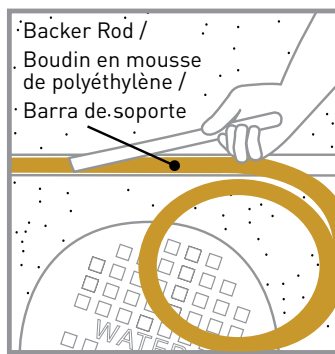
FillPro Soft Type



FillPro Open Cell



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.

Backer Rod Comparison Chart

Typical Properties

Property	Standard	Hot Rod XL	Soft Type	Open Cell	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 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.

For more information, please visit:
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