



TBP Converting, Inc.  
FillPro Soft Type Backer Rod

## SEALANT ACCESSORIES

# FillPro Soft Type

FillPro® Soft Type Backer Rod (formerly ITP Soft Type) is a pliable bi-cellular polyethylene 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 adhere to sealant materials and is non-exuding.

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



## APPLICATIONS

Particularly suited for specialty applications where standard backer rods are not appropriate, FillPro Soft Type is ideal in irregular joint applications particularly where self-leveling, flowable sealants are employed. Also recommended with sealants where bubbling concerns are critical. An excellent all-purpose backer rod, it may be used in place of most standard backer rod applications.

## BENEFITS

FillPro Soft Type is an ideal non-absorbent backer rod used to control sealant depth and create a back stop to allow proper sealant tooling, ensure sealant adhesion to the joint surfaces only 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.

## INSTALLATION

Joint or opening must be clean, dry and free of obstructions. Using the Proper Sizing Chart on reverse side, select proper rod diameter and cut to length or use directly from spool. With a blunt instrument or roller, uniformly install rod at the level recommended by the sealant manufacturer, specifier or architect involved. Generally, the depth of the joint after the backer rod is installed is one half the width. Very large or very small joint vary in terms of depth to width ratio. Avoid puncturing, stretching or over compression.

## FEATURES:

- // Closed-cell outer skin, non-absorbent
- // Pliable to fill irregular joints
- // Non-gassing
- // Chemically inert
- // Resistant to oil, gas and other solvents
- // Made in Canada
- // ASTM C1330 Type B
- // ASTM D5249 Type 3

## COMPATIBLE WITH:

- // Butyl
- // Polysulfide
- // Acrylic polyurethane
- // Silicone
- // Most cold applied sealants

## STOCKED OPTIONS:

- // Available in stock gray
- // Available in Pony Pac



 **armacell**<sup>®</sup>  
FillPro<sup>®</sup>

## TECHNICAL DATA – FillPro® Soft Type Backer Rod (Formerly ITP Soft Type)

### Description

Flexible gray, bi-cellular polyethylene foam backer rod in continuous coils and 6 foot lengths.

### Typical Properties

Property	Value	Test Method
Density (nominal)	1.8-2.5 lbs/cu.ft	ASTM D1622
Outgassing (# of bubbles)	<1	ASTM C1253
Tensile Strength psi (kPa)	43.4 (299)	ASTM D1623
Compression Recovery, %, min	>95	ASTM D5249
Compression Deflection psi (kPa)	5 PSI	ASTM D5249
Water Absorption	0.03 gm/cc	ASTM C1016
Temperature Range	-90°F to 210°F	-
Classification	Type 3	ASTM D5249
	Type B	ASTM C1330

### Sizes

Diameter	Shipping Format	Feet Per Carton	Metric Diameter	Meters Per carton	Color
3/8"	1 Spool	2100	9 mm	640	Gray
5/8"	2 Spools	1550	15 mm	472	Gray
7/8"	1 Spool	850	22 mm	259	Gray
1-1/8"	1 Spool	500	29 mm	152	Gray
1-1/2"	6' Lengths	396	38 mm	121	Gray
2"	6' Lengths	228	50 mm	70	Gray
2-1/2"	6' Lengths	144	63 mm	44	Gray
3"	6' Lengths	102	76 mm	31	Gray
4"	6' Lengths	48	101 mm	15	Gray

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

### Carton Sizes and Weights

Rod Diameter	Weight Per Carton	Cartons Per Skid	Carton Measurement
3/8"	6 lbs	36	18" x 18" x 15"
9 mm	2.7 kgs		457 mm x 457 mm x 381 mm
5/8" to 1-1/8"	11 lbs	18	18" x 18" x 30"
15 mm to 29 mm	5 kgs		457 mm x 457 mm x 762 mm
1-1/2" - 4"	14 lbs	20	17" x 10" x 74"
38 mm to 101 mm	6.4 kgs		432 mm x 254 mm x 1880 mm

### Proper Sizing Chart (Size to Joint Width)

Joint Width	Use Rod Diameter
3/16" - 1/4"	3/8"
3/8" - 1/2"	5/8"
1/2" - 3/4"	7/8"
3/4" - 7/8"	1-1/8"
7/8" x 1-1/4"	1-1/2"
1-1/4" - 1-1/2"	2"
1-1/2" - 2"	2-1/2"
2" - 2-1/2"	3"
2-1/2" - 3"	4"

### Pony Pac Bagged

Size	Bags Per Box	Feet Per Bag
3/8"	6	230 feet
5/8"	6	75 feet
7/8"	6	35 feet
1-1/8"	6	20 feet

### Pony Pac Spool-less

Size	Quantity Per Box
3/8"	1400 feet
5/8"	550 feet
7/8"	330 feet
1-1/8"	200 feet

Carton dimensions: 18" x 18" x 12"

// Box Cube: 2.25 Cubic feet

// Boxes per skid: 48

// ISO 9001:2015 Certified

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.

