

TECHNICAL DATA

ITP Standard Backer Rod is chemically inert and will resist oil, gasoline and most other solvents. This material will not stain nor adhere to sealant materials and is non-exuding. (Refer to Table II for typical physical properties)

INSTALLATION

Joint or opening must be clean, dry and free of obstructions. Using Table III 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 and very small joints vary in terms of this depth to width ratio. DO NOT PUNCTURE, STRETCH OR OVERLY COMPRESS.

PURCHASING AND PRICING

ITP Standard Backer Rod is widely available throughout the United States and Canada. Please contact Industrial Thermo Polymers Ltd. at info@tundrafoam.com or 1-800-387-3847 for the name and address of your local distributor source they will provide you with samples and pricing information as required.

TECHNICAL ASSISTANCE

Industrial Thermo Polymers Ltd. has qualified representatives available to assist users of the various Backer Rod materials referenced herein. Please contact your local ITP distributor should assistance be required.

PURCHASING ADVANTAGE

- North America's first full line / full service Backer Rod supply source
- One stop shopping for all your Backer Rod requirements

TABLE II

PHYSICAL PROPERTY ANALYSIS

PROPERTY	VALUE	TEST METHOD
Density (nominal)	2.0 lbs/cu. ft.	ASTM-D-1622
Tensile Strength	50 PSI	ASTM-D-1623
Compression Deflection	5 PSI @ 25%	ASTM-D-1621
Water Absorption	0.03 gm/cc	ASTM-C-1016
Water Absorption	0.02% by volume	ASTM-C-509
Temperature Range	-90°F to 210°F	

Water Absorption¹ "Determination of water absorption by sealant (joint filler) materials"
Water Absorption² "Standard specifications for cellular elastometric preformed gasket and sealing material. Historic standard no longer applicable to Backer Rod."

TABLE III

ITP ROD SIZE TO JOINT WIDTH

Joint Width	Rod Diameter	Joint Width	Rod Diameter
1/8" - 3/16"	1/4"	1" - 1-1/4"	1-1/2"
3/16" - 1/4"	3/8"	1-1/4" - 1-1/2"	2"
1/4" - 3/8"	1/2"	1-1/2" - 2"	2-1/2"
3/8" - 1/2"	5/8"	2" - 2-1/2"	3"
1/2" - 5/8"	3/4"	2-1/2" - 3"	4"
5/8" - 3/4"	7/8"	3" - 4-3/4"	5"
3/4" - 7/8"	1"	4-3/4" - 5-3/4"	6"
7/8" - 1"	1-1/4"		

TABLE IV

CARTON SIZES AND WEIGHTS

Rod Diameter	Weight / Carton	Carton Measurement
1/4" - 3/8"	6 lbs.	18" x 18" x 15"
6mm to 9mm	2.7 kgs.	457mm x 457mm x 381mm
1/2" - 1 1/4"	11 lbs.	18" x 18" x 30"
12mm to 31mm	5 kgs.	457mm x 457mm x 762mm
1 1/2" to 4"	14 lbs.	17" x 10" x 74"
38mm to 101mm	6.4 kgs.	432mm x 254mm x 1880mm
5" to 6"	35 lbs.	17" x 23" x 74"
127mm to 152mm	15.9 kgs.	432mm x 584mm x 1880mm

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GUARANTEE / WARRANTY

Industrial Thermo Polymers Limited believes the information and recommendations herein to be accurate and reliable and the products are reasonably fit for the applications mentioned. However, as uses, conditions and application methods are not within our control, ITP does not guarantee nor warrant these products nor results from the use of these products or information given. It is therefore the responsibility of the buyer to determine the suitability of these products in applications intended and determine the appropriateness of the products. Sizes and Lengths per spool are those at times of packaging and may vary with climatic conditions after manufacture.