

# Standard Backer Rod

## Closed Cell Polyethylene Foam Backer Rod

### Basic Use:

Standard Backer Rod is an ideal non absorbent compressible backup material inserted into a joint to control sealant depth, creating a backstop to allow proper sealant tooling. It can also be used as a temporary joint seal.

### Specific Uses:

Commonly used in glazing operation, window and door applications, expansion joints, curtain wall joints, partitions, log construction, pavement joints, and repair, precast units and copings.

### Compatibility:

Standard Backer Rod is compatible with butyl, polysulfide, acrylic, polyurethane, silicone and most other cold sealants.

### Composition and Material:

Standard Backer Rod is an extruded round, closed cell, low density polyethylene foam material with skin-like outer texture. It is highly flexible and compressible for easy installation.

### Chemical Resistance:

Standard Backer Rod meets a wide range of chemical resistance. Please call for specific applications and conditions.

### Installation:

Joint or opening must be kept clean, dry and free of obstructions. 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)**



**Rod Size to Joint Width Chart**

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

**Tech Data and Physical Properties**

Property	Value	Test Methods
Density	1.5 PCF	ASTM -D-1622
Deflection	4 PSI @ 25%	ASTM -D-1621
Water Absorption	0.02% by vol.	ASTM -C-1016
Temperature Range	-40°F to 200°F	ASTM -C-1330
Out Gassing	>1	ASTM -C-1253
Compression Recovery	% min. >90%	ASTM -D-5243
Tensile Strength	24 PSI	ASTM-D-1623
Meets: ASTM-D-5249, Type III ASTM-C-1330, Type C ASTM-D-4819, Type II		

Sizes				
Diameter	Shipping Format	Feet per Carton	Details	Weight of Carton
1/4"	2 Spools	4000	18.5" x 18.5" x 15"	6 lbs.
3/8"	2 Spools	2100	18.5" x 18.5" x 15"	6 lbs.
1/2"	2 Spools	2500	19" x 19" x 30"	9 lbs.
5/8"	2 Spools	1550	19" x 19" x 30"	9 lbs.
3/4"	2 Spools	1100	19" x 19" x 30"	9 lbs.
7/8"	1 Spool	850	19" x 19" x 30"	9 lbs.
1"	1 Spool	600	19" x 19" x 30"	9 lbs.
1-1/4"	1 Spool	400	19" x 19" x 30"	9 lbs.
1-1/2"	6' Lengths	420	13.5" x 13.5" x 73"	11 lbs.
2"	6' Lengths	252	13.5" x 13.5" x 73"	11 lbs.
2-1/2"	6' Lengths	162	13.5" x 13.5" x 73"	11 lbs.
3"	6' Lengths	102	13.5" x 13.5" x 73"	11 lbs.
4"	6' Lengths	54	13.5" x 13.5" x 73"	11 lbs.
5"	6' Lengths	90	75" x 19" x 25"	35 lbs.
Size and lengths per spool are those at times of packaging and may vary with climatic condition after manufacture.				

#### Shipping Information

- Rectangular cartons with convenient hand holes for carrying are ideal for warehousing and handling.
- Most express services will accept all cartons for reshipment.
- Truckload quantities furnished on pallets and may be warehoused 2 pallets high to maximize space.