Backer Rod
Closed-Cell Polyethylene Foam

Standard Backer Rod Insulation is a non-absorbent, compressible material placed in a joint to control sealant depth, insulate underside of sealant, and to allow proper sealant tooling and wetting of joint surfaces. It can also be used as a temporary joint seal. Backer Rod is chemically inert and will resist gasoline, oil and most other solvents.

Backer Rod is commonly used in glazing operations, window and door applications, expansion joints, curtain wall joints, log construction, partitions, pavement joints and repairs. Backer Rod insulates the underside of sealants from the effects of hot and cold temperature variations as well as moisture and humidity influences from within the joint cavity. Joint opening must be clean, dry, and free of obstructions. Select proper rod size and cut to length. With a roller or other blunt instrument, install rod at level recommended by the sealant manufacturer, specifier or architect involved.

Physical Property Analysis*

Property	Value	Test Method
Density	2.0 lbs./cu. ft.	ASTM-C-1622
Tensile Strength	50 psi	ASTM-C-1623
Compression Deflection	4 psi @ 25%	ASTM-C-1621
Water Absorption (1)	0.03 gm/cc	ASTM-C-1016
Water Absorption (2)	0.02% by volume	ASTM-C-509
Temperature Range	-90°F to 210°F	—
R-Value	3.4	ASTM-C-335-84

*As determined by independent laboratory testing. Complete test reports available upon request.
*Water Absorption (1) "determination of water absorption by sealant (joint filler) materials"
*Water Absorption (2) Standard specification for cellular elastomeric preformed gasket and sealing material.
*Historic standard no longer applicable to backer rod.

Sizes & Packaging

Rod Diameter	Linear Feet Per Carton	Carton Measurement
1/4"	4000	15 x 18 x 18
3/8"	2100	15 x 18 x 18
1/2"	2500	30 x 18 x 18
5/8"	1550	30 x 18 x 18
3/4"	1100	30 x 18 x 18
7/8"	850	30 x 18 x 18
1"	600	30 x 18 x 18
1-1/4"	400	30 x 18 x 18
1-1/2"	420	78 x 12 x 8
2"	240	78 x 12 x 8
2-1/2"	156	78 x 12 x 8
3"	102	78 x 12 x 8
4"	48	78 x 12 x 8

*DO NOT PUNCTURE, STRETCH, OR OVERLY COMPRESS

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