

## BACKER ROD SPECIFICATION

### **Basic Use:**

BoMetals Supply of 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)



### **Tech Data and Physical Properties**

Density	1.5 PCF
Deflection	4 PSI @ 25%
Water Absorption	0.02% by vol.
Temperature Range	-45° F to 160° F

### **Rod Size to Joint Width Chart**

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