

Open Cell Backer Rod

Open Cell Polyurethane Backer Rod for Hot and Cold Sealant Applications

Basic Use:

•**Open Cell Backer Rod** is an ideal non-gassing backup material which is inserted into construction and pavement joints to:

- Control sealant and caulking depth
- Create a backstop to allow proper sealant tooling and configuration
- Allow proper sealant airing and yield a proper bond breaker

It is ideal for non-uniform joint sizes.

Specific Uses:

Commonly used in expansion and contraction joints, window glazing, curtain wall construction partitions, precast assemblies and copings, parking decks, bridge construction, etc.

Compatibility:

Open Cell Backer Rod is basically an inert material and therefore compatible both physically and chemically with virtually all known hot pour and cold applied sealants including silicone and rubber asphalt.

Composition and Material:

Open Cell Backer Rod is a fabricated round, open cell polyurethane foam material. It is highly flexible and compressible for easy application. It is available in a wide variety of sizes each capable of fitting a number of differing joint sizes.

Open Cell Backer Rod is available in both black and yellow. Black is a neutral rod color, and is ideal for window glazing applications.

Technical Data:

Open Cell Backer Rod will resist oil, gasoline, and most solvents. This material is odorless, will not stain and will not adversely adhere to sealant and caulking materials.

Installation:

The joint depth must be great enough to allow for the proper installation of the **Open Cell Backer Rod** and the hot or cold sealant or caulking material. Joint walls must be smooth and even as possible and be free of any loose residues or foreign materials. Joints should also be dry and frost-free. With a convenient tool or by hand, insert **Open Cell Backer Rod** into joint at a level recommended by the sealant manufacturer. Cold applied sealants generally recommend that the depth of the joint after the backer rod is installed be one half the width. In hot pour applications, it is generally recommended the depth of the joint be a 1:1 ratio in terms of Backer Rod to sealant.

Stock Sizes Available						
Diame-ter:	Sleeves/6-pack	Bags/SI eeve	Ft./Ba g	Ft./Sleeve	Metric Diameter	Meters/SI eeve
*3/8"	6	4	750	3000	9mm	914
5/8"	6	4	500	2000	15mm	609
7/8"	6	2	525	1050	22mm	320
1 1/8"	6	2	300	600	28mm	182
1 1/2"	6	2	175	350	38mm	106
2"	6	2	100	200	50mm	60

*3/8" Available in black only.

Physical Property Analysis	
Property	Value & Test Method
Density :	1.7 lbs/cu. Ft.
Tensile Strength:	25 lbs. minimum (ASTM-D-3574-91)
Moisture Absorption:	0.021% by volume (ASTM-C-509)
Out-Gassing:	None
Temperature Service Range:	-60°F to 500°F
Auto Ignition:	700°F to 800°F
Elongation:	120% minimum (ASTM-D_3574-91)
Air Flow:	90% (ASTM-D-3574-91)
Compression Set:	5%

Open Cell Backer Rod Advantages
<ul style="list-style-type: none"> •One size fits many joint sizes •Non-gassing, damage-proof •Highly compatible with varying joint size •Compressed for economical shipping •Highly flexible and easy to install •Premium quality polyurethane, uniform roundness, and highest compression rating •Prompt availability and delivery •Can be shipped separately or combined with closed-cell requirements •No better open-cell foam available, anywhere