

Open-Cell Backer Rod



Product Names:
Foam Pak II, Black Open-Cell

Round, flexible, continuous lengths of open-cell polyurethane foam backer rod for use as a backing material for elastomeric and other cold applied sealants.

Features

- Easy to apply
- Non-gassing
- Non-exuding
- Chemically inert
- Virtually dust-free
- **Available in black and yellow**
- Meets all of the requirements of the 1990 Clean Air Act
- Is a "Domestic End Product" as defined in the Buy American Act, Title 41 USC 10

Physical Property Requirements		
Property	Value	ASTM Test Methods
Density lb/ft ³ (kg/m ³), avg.	1.7 (27)	D 1622
Outgassing (No. of Bubbles)	0	C 1253
Compression Recovery, %, min	> 95	D 5249
Compression Deflection ¹ psi (kgf/cm ²)	3 (0.2)	D 5249
Tensile Strength psi (kgf/cm ²), min	17 (2.6)	D 3575

¹ Using 25% compressive strength.

Description

Type: O - Per ASTM C 1330. Cylindrical, flexible sealant backings composed of open-cell material.

FORM: Round Foam Rod.

TEMPERATURE LIMITS: -65°F to +400°F.

Benefits

Backer rod limits the depth of the sealant and prevents excessive sealant use. It also helps sealant assume optimum shape factor to prolong sealant service life and acts as a barrier to the flow of sealant through the joint.

Applications

Common applications include, but are not limited to, expansion and contraction joints, window glazing, curtain wall construction partitions, parking decks and bridge construction.

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June 2009

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Packaging Specs							
Dimension		Unit	Length / Unit		Unit Weight		Unit Dimension
Black							
5/8"	16 mm	Full Carton	1400'	35 m	12 lbs.	5 kg.	18" x 18" x 31"
		Handy Pack	450'	11 m	7 lbs.	3 kg.	15" x 15" x 18"
7/8"	22 mm	Full Carton	900'	23 m	12 lbs.	5 kg.	18" x 18" x 31"
		Handy Pack	300'	8 m	7 lbs.	3 kg.	15" x 15" x 18"
1-1/8"	29 mm	Full Carton	350'	9 m	12 lbs.	5 kg.	18" x 18" x 31"
		Handy Pack	200'	5 m	7 lbs.	3 kg.	15" x 15" x 18"
Yellow							
5/8"	16 mm	Bale (24 bags)	12000'	35 m	45 lbs.	5 kg.	20" x 20" x 26"
7/8"	22 mm	Bale (18 bags)	6300'	23 m	12 lbs.	5 kg.	20" x 20" x 26"
1-1/8"	29 mm	Bale (12 bags)	3600'	9 m	12 lbs.	5 kg.	20" x 20" x 26"
1-1/2"	38 mm	Bale (6 bags)	2100'	9 m	12 lbs.	5 kg.	20" x 20" x 26"
2"	51 mm	Bale (6 bags)	1200'	9 m	12 lbs.	5 kg.	20" x 20" x 26"

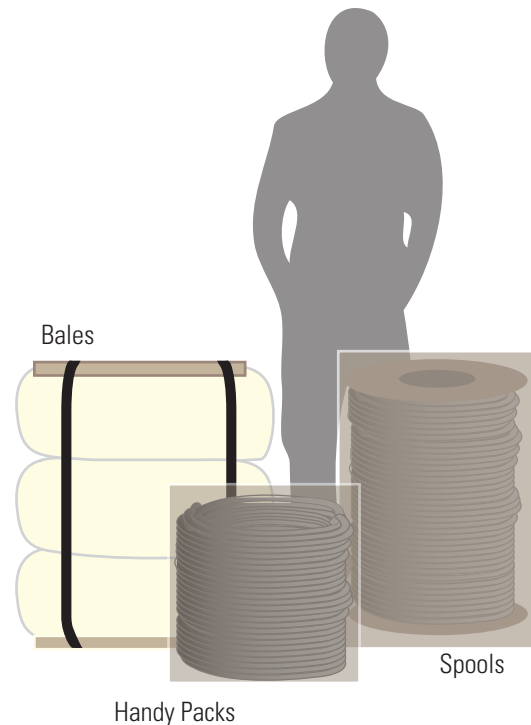
Joint Preparation and Installation

Just prior to placing the backer rod, clean all joints per the sealant manufacturer's recommendations. Thoroughly remove any concrete form-release agents, curing compound residue, laitance, or any foreign materials. To ensure a good sealant bond, joints must be clean and dry when the new sealant is installed. Air compressors used for this purpose must be equipped with traps for removal of oil and moisture. Install the backer rod at the depth recommended by the sealant manufacturer with a blunt tool.

Size Selection - Proper size selection is important as it controls the depth of the sealant bead. It must be oversized (25-50%) to fit tightly into the joint and function as a bond-breaker to prevent back-side adhesion of the sealant.

Compatibility - Open-cell polyurethane foam is basically an inert material; and therefore, it is compatible, both physically and chemically, with virtually all known cold applied sealants, including self-leveling types.

Precautions - Sealant compatibility should be confirmed by the sealant manufacturer. Compatibility characteristics of sealants in contact with sealant backings can be determined by ASTM Test Method C 1087.



Examples shown are for illustrative purposes only. Actual product may differ, slightly.

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