

KM Polyethylene Round Backer Rod

Closed Cell Backer Rod

Material Description

KM Polyethylene Round Backer Rod is an ideal non-absorbent compressible backup material. It is inserted into a joint to control depth to create a backstop to:

- Allow proper sealant tooling
- Allow proper sealant wetting of the joint surface
- Use as temporary seal in gaps
- Yield a proper bond breaker between the backer rod and sealant



Compatibility

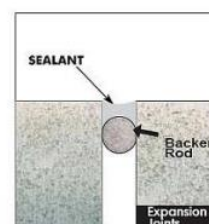
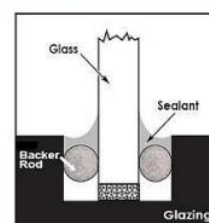
KM Polyethylene Round Backer Rod is compatible with butyl, polysulfide, acrylic, polyurethane, silicone and most other cold applied sealant composition

Tested compatible with all GE Silicone Sealants, Sharpie Modified Silicone, Resyflex & Varoseal Polyurethane Sealant and Liberty 405 Acrylic Sealant.

Specific Uses

Commonly used in Glazing installations, window and door applications, expansion joints, curtain wall joints, log construction, pavement joints, repairs, precast and copings.

Common Application of KM Closed Cell PE Backer Rod



Composition and Materials

KM Polyethylene Round Backer Rod is an extruded, closed cell, low density polyethylene foam material with a skin-like outer texture.

Technical Data

KM Polyethylene Round Backer Rod is chemically inert and will resist oil, gasoline, common acids, lubricants, detergents and most solvents. This material will not stain nor adhere to sealant materials and is non-exuding. It is highly flexible and compressible for easy installation with excellent resilient properties. Available in a wide variety in diameters.

Physical Property Analysis

Property	Value	Test Method
Density (nominal)	28 kg/m ³ ± 20%	JISK 6767:1999
Tensile Strength	41.4 N/cm ²	KSM3862:2017
Water Absorption	0.003 g per 100cm ² ; < 5 Vol.%	KSM3862:2017
Outgassing Potential	No Presence	ASTM C 1253
Colour	White, Grey	-

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Installation

- Joint or opening must be clean, dry and free of obstructions.
- Selection of suitable rod diameter should be 25% wider than the joint Width.
- 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 back rod is installed is one half of the width.
- Very large and very small joints vary in terms of this depth to width ratio.
- DO NOT PUNCTURE, STRETCH OR OVERLY COMPRESSED.