



SOF[®] - Rod

Sell Sheet

CHEM LINK

Construction & Maintenance

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Product Description

CHEM LINK **SOF[®]-Rod** is a cylindrical, flexible foam rod for use as a sealant backing. **SOF[®]-Rod** is composed of a bi-cellular material. **SOF[®]-Rod** may also be used as a gasket or sealing material as per ASTM C 717.

TYPE: B - Per ASTM C 1330. Cylindrical, flexible sealant backings composed of bi-cellular material. Also reference ASTM C 717 for use as gasket or sealing material.

TYPE: 3 - Per ASTM D 5249. Round rods of various diameters for use with non-sag and self leveling cold applied sealants.

TEMPERATURE LIMITS: -45°F to +160°F.

Application Instructions

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

Precautions:

Do not puncture, over compress or stretch backer rod during insertion. Do not use with hot applied sealants. Test for outgassing of cold applied sealants in accordance with ASTM Test Method C 1253. Sealant compatibility should be confirmed by the sealant manufacturer.

Joint Preparation / Installation

Just prior to placing **SOF[®]-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, dry, and free of contamination prior to sealant application. 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 on the corresponding sealant data guide.

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Advantages

- Easy to apply
- Virtually dust-free
- No outgassing
- Chemically inert
- 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

Benefits

Use of **SOF[®]-Rod** limits the depth of the sealant and prevents excessive sealant use. It also acts as a barrier to the flow of sealant through the joint, helps prevent 3 point bonding, and forces the sealant to take a more optimum shape prolonging sealant service life.

Compatibility

SOF[®]-Rod is composed of a bi-cellular polyolefin foam. Bi-cellular polyolefin foam is compatible, both physically and chemically, with most cold applied sealants. Compatibility of sealants in contact with backings can be evaluated according to ASTM 1087 test Method C.

Size Selection

Proper size selection is important as it controls the depth of the sealant bead and helps prevent three point bonding. CHEM LINK recommends the backer rod be oversized (25-50%) and fit tightly into the joint to function as a bond breaker.

SOF[®]-Rod Available Sizes

- 3/8"
- 5/8"
- 7/8"
- 1-1/8"
- 1-1/2"
- 2"
- 2-1/2"
- 3" & 4"

Open and Closed Cell HBR are also available as made to order items. Please call 800-826-1681 for details.

CHEM LINK **SOF[®]-Rod** is stock of polyethylene foam manufactured in the USA without the use of Ozone depleting CFC's or components containing asbestos, and meets all of the requirements of the 1991 Clean Air Act. All CFC products supplied are "Domestic End Products" as that term is defined in the Buy American Act, Title 41 USC 10.



NOTES:



Contractor Hot Line

800-826-1681

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All properties described in this document are derived from testing conducted in laboratory conditions. Properties and performance will vary depending on environmental conditions and application technique. Test and evaluate to determine appropriate usage. Visit www.chemlink.com for the Safety Data Sheet, Technical Data Guides and full warranty for this product.

LIMITED WARRANTY: **CHEM LINK** warrants this product's performance, provided it is properly stored and applied within 1 year. If this **CHEM LINK** material is proved to be defective, return remaining product and purchase receipt for refund or replacement of product exclusive of labor or cost of labor. This is the sole and exclusive remedy for defects or failure of this product. User must read and follow the direction of the current Technical Data Guide and SDS prior to product use. User determines suitability of product for intended use and assumes all risks. Manufacturer shall not be liable for damages (including consequential or incidental damages) in excess of the purchase price, except where such exclusion or limitation is prohibited by state law. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, WRITTEN OR ORAL, STATUTORY, EXPRESS OR IMPLIED INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE; except for the above express warranty given by manufacturer, the product is sold with all faults. **CHEM LINK** SHALL NOT BE RESPONSIBLE FOR THE USE OF THIS PRODUCT IN A MANNER TO INFRINGE ON ANY PATENT OR ANY OTHER INTELLECTUAL PROPERTY RIGHTS HELD BY OTHERS. This warranty gives you specific legal rights, and you may also have other rights in the U.S. which vary from state to state. For warranty claim information, call 800-826-1681.