



# HBR<sup>®</sup> - Rod

## Sell Sheet

### CHEM LINK

#### Construction & Maintenance

Telephone: 800-826-1681

Fax: 269-679-4448

353 E. Lyons Street

Schoolcraft, MI 49087

[www.chemlink.com](http://www.chemlink.com)

Last Revision: 07/01/15

Document No. DS2304

### Product Description

*CHEM LINK HBR<sup>®</sup>-Rod* is a round, flexible, continuous lengths of extruded, closed-cell polyethylene foam backer rod for use as a backing material for elastomeric and other cold applied sealants.

**TYPE: C** - Per ASTM C 1330. Cylindrical, flexible sealant backings composed predominantly of closed cell material per ASTM C 1330 for use with cold applied sealants.

**TYPE: 3** -Per ASTM D 5249. Round rods of various diameters for use with cold applied joint sealants.

**TEMPERATURE LIMITS:** -45°F to +160°F.

### Application Instructions

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

### Precautions:

Do not puncture, over compress or stretch HBR during insertion. Do not use with hot applied sealants. Tests for outgassing of cold applied sealants shall be made in accordance with ASTM Test Method C 1253. 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.

### Joint Preparation / Installation

Just prior to installing *HBR*, 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 HBR at the depth recommended by the sealant manufacturer with a blunt tool.

*CHEM LINK HBR<sup>®</sup>-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.

### Advantages

- Easy to apply
- Virtually dust-free
- Non-exuding
- 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

*HBR* 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.

### Compatibility

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

### 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 bondbreaker to prevent back-side adhesion of the sealant.

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

### HBR<sup>®</sup>-Rod Available Sizes

- |        |          |
|--------|----------|
| • 1/4" | • 1-1/4" |
| • 3/8" | • 1-1/2" |
| • 1/2" | • 2"     |
| • 5/8" | • 2-1/2" |
| • 3/4" | • 3"     |
| • 7/8" | • 4"     |
| • 1"   | • 6"     |



**NOTES:**



**Contractor Hot Line**

**800-826-1681**

[www.chemlink.com](http://www.chemlink.com)



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](http://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.