

MILE HIGH FOAM XL®

CROSS-LINKED CLOSED CELL POLYETHYLENE

TECHNICAL DATA SHEET

1. Product Name: **MILE HIGH FOAM XL®**
2. Exclusively Sold By: **Backer Rod Mfg. Inc.**
4244 N Broadway
Denver, CO 80216
Phone: 800-595-2950
Fax: 303-308-0393
Website: www.backerrod.com
3. Product Description:
Per ASTM C 1330 type C **Mile High Foam XL®** is a resilient, cross-linked polyethylene backer rod used as a backing material for hot and cold applied sealants. **Mile High Foam XL®** controls the depth of the sealant installation and ensures cross – sectional hour-glass configuration. No bond breaker is required. Product has been tested and passed the heat resistance requirements of ASTM D 5249 at a certified independent laboratory.

Specific Uses:

- Highway joints
- Parking Decks
- Runways
- Driveways
- Parking Lots
- Saw cut expansion joints

4. Composition and Material:

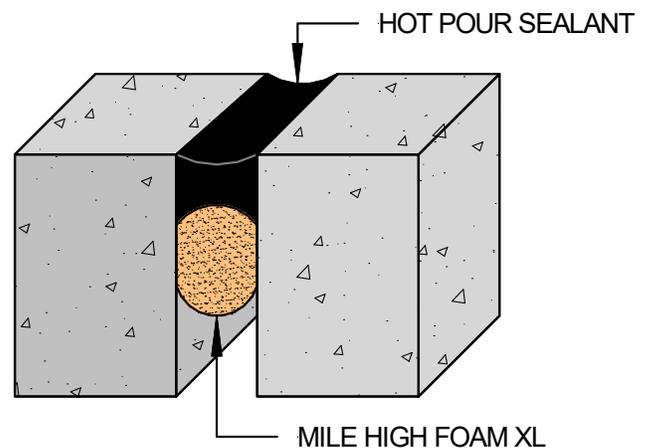
Mile High Foam XL® is a round, light brown, resilient, extruded cross-linked closed cell polyethylene backer rod with a water resistant outer skin. It is compatible with most known hot and cold applied sealants such as rubber asphalt, coal tar-rubber polymer thermoplastic compounds, urethane, silicone, acrylic, butyl, polysulfide and latex.

5. Installation:

Joint openings must be free of all contaminants, loose materials, dry and free of frost. Select correct rod size for joint width. With a blunt instrument or roller, seat rod to depth recommended by sealant manufacturer.

6. Compatibility:

Mile High Foam XL® is chemically inert and will resist gasoline, oil, and most solvents. Product will not stain or adhere to sealants.



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7. Physical Properties:

Physical Properties		
Property	Value	ASTM Test Method
Density (Nominal)	1.3 - 2 lb/ft ³	D 1622
Compression Deflection	< 15	D 5249
Compression Recovery	> 90	D 5249
Tensile Strength PSI	> 29 psi	D 1623
Temperature Range	-90° F to 410°F	D 5249 Type 1
Water Absorption	< 0.03 g/cm ³	C 1016 - Proc. B



8. Packaging Information

Packaging Information			
Linear Feet Per Unit/ (metric)			Weight & Measurements
Diameter	Standard Box	Super Box	
3/8" (10mm)	3600 (1097m)		Standard Carton 18-1/4" x 18-1/4" x 30-1/2" 10 lbs ea.
1/2" (13mm)	2500 (762m)		
5/8" (16mm)	1550 (472m)		
3/4" (19mm)	1100 (335m)		Super Carton 18-1/4" x 13-3/4" x 74-1/4" 14 lbs ea.
7/8" (22mm)	850 (257m)		
1" (25mm)	550 (168m)		Standard Carton • 3/8" through 3/4" 2 spools per carton • 7/8" through 1-1/4" 1 spool per carton
1-1/4" (32mm)	400 (122m)		
1-1/2" (38mm)		420 (128m)	Super Carton • 1-1/2" and 2" manufactured in 6' lengths
2" (51mm)		252 (77m)	

9. Limitations

Do not puncture, over compress or stretch **MILE HIGH FOAM XL®** during installation.

10. Availability and Cost

MILE HIGH FOAM XL® is marketed nationally and internationally by select authorized distributors. For name, address and telephone number of your nearest distributor please contact us at: 800-595-2950 or sales@backerrod.com

11. Warranty

Unless otherwise agreed to in writing, **MILE HIGH FOAM XL®** is sold without warranty, express or implied. Buyer must make their own determination as to the suitability of the product and application. Sizes and lengths of products shown are at time of packaging and will vary with climate conditions after manufacture.

12. Technical Services

Please contact Backer Rod Mfg. Inc. for technical guidance, special project engineering designs and drawings.



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