



Backer Rod Mfg. Inc.

TECHNICAL DATA SHEET

MILE HIGH FOAM®

CLOSED CELL POLYETHYLENE BACKER ROD

1. PRODUCT NAME

MILE HIGH FOAM®

2. EXCLUSIVELY SOLD BY

Backer Rod Mfg. Inc.
4244 N. Broadway
Denver, CO 80216

3. PRODUCT DESCRIPTION

Per ASTM C 1330 type C Mile High Foam® is a resilient, polyethylene backer rod used as a backing material for cold applied elastomeric caulking sealants. Mile High Foam® controls the depth of the sealant installation and ensures cross-sectional hour-glass configuration. No bond breaker is required.

Specific Uses Include:

- Expansion joints
- Highway joints
- Glazing
- Log home chinking
- Parking Decks
- Curtain walls
- Coping joints
- Isolation joints
- Temporary joint seal

4. COMPOSITION AND MATERIAL

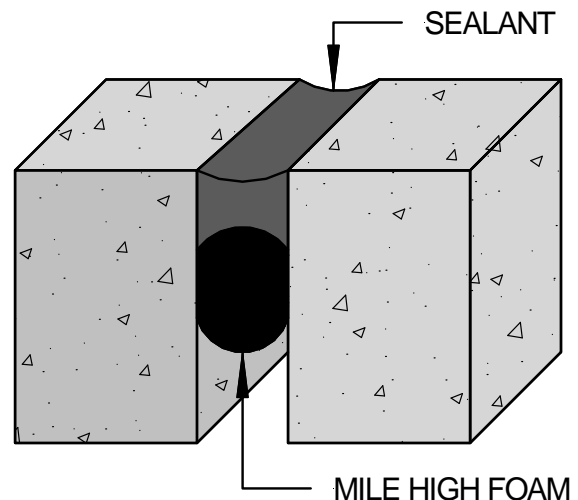
Mile High Foam® is a round, black, resilient, extruded closed cell polyethylene backer rod with a water resistant outer skin. It is compatible with most known cold applied sealants such as urethane, silicone, acrylic, butyl, polysulfide, latex, and log chinking sealants.

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



7. PHYSICAL PROPERTIES

Physical Properties		
Property	Value	ASTM Test Method
Density (nominal)	1.25 - 2 lb/ft ³	D 1622
Out-gassing	> 1	C 1253
Compression Recovery	> 90	D 5249
Tensile Strength PSI	39 – 50 PSI	D 1623
Temperature Range	-90°F to 210°F	D 5249
Water Absorption	0.002 g/cm ³	C 1016 – Proc. B



MADE IN THE U.S.A.

8. PACKAGING INFORMATION

Packaging Information						
Linear Feet Per Unit / (metric)			Weights and Measurements			
Diameter	Mini Box	Standard Box	Super Box	Mini Carton	Standard Carton	Super Carton
1/4" (6mm)	2500 (762m)	6400 (1951m)		18-1/4" x 18-1/4" x 15"	18-1/4" x 18-1/4" x 30-1/2"	13-3/4" x 13-3/4" x 74-1/4"
3/8" (10mm)	1400 (427m)	3600 (1097m)		5 lbs ea.	10 lbs ea.	14 lbs ea.
1/2" (13mm)	800 (244m)	2500 (762m)				
5/8" (16mm)	550 (168m)	1550 (472m)				
3/4" (19mm)	400 (122m)	1100 (335m)				
7/8" (22mm)		850 (257m)				
1" (25mm)		550 (168m)				
1-1/4" (32mm)		400 (122m)				
1-1/2" (38mm)			420 (128m)			
2" (51mm)			252 (77m)			
2-1/2" (63mm)			162 (49m)			
3" (76mm)			102 (31m)			
4" (102mm)			54 (16m)			

9. LIMITATIONS

Do not use with hot applied sealants. Do not puncture, over compress or stretch **MILE HIGH FOAM®** during installation.

10. AVAILABILITY AND COST

MILE HIGH FOAM® is marketed nationally and internationally by select authorized distributors. For name, address and telephone number of your nearest distributor please contact us at:

Distributed by: **BEST MATERIALS®**
 Ph: 800-474-7570, 602-272-8128 Fax: 602-272-8014
www.BestMaterials.com Email: Sales@BestMaterials.com

11. WARRANTY

Unless otherwise agreed to in writing, **MILE HIGH FOAM®** 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 product 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.