

ADSEAL BACKER ROD ST-2400
STANDARD CLOSED CELL BACKER ROD**DESCRIPTION**

ADSEAL BACKER ROD ST-2400 is a closed cell, resilient, polyethylene backer rod used as a back up material for construction joints and application that require sealants. It performs as a depth control for ADSEAL silicone and hybrid sealant. ADSEAL sealant will not adhere to it; no bond breaker is required. This material is virtually non-absorbent and chemically inert to most solvents. It will not stain ADSEAL silicone and hybrid sealants.

COMPOSITION AND MATERIALS

ADSEAL BACKER ROD ST-2400 is a round, black, resilient extruded closed cell polyethylene backer rod with a water-resistant outer skin. It is compatible with cold applied sealants ADSEAL silicone, hybrid, polyurethane or latex acrylic.

SPECIFIC USES

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

Joint or opening must be free of all contaminants (including curing compounds and form-release agents), loose materials, dry and free of frost. Install at approximately 25% compression. With a blunt instrument or roller, seat the ADSEAL BACKER ROD ST-2400 to depth recommended by ADFAST.

LIMITATIONS

ADSEAL BACKER ROD ST-2400 should be installed with a roller or blunt, flat-sided tool. Please follow ADFAST specifications for recommended sealant width and depth ratio. For best results, do not puncture, fold or overly stretch the product. The product is made with water-resistant outer skin, therefore where moisture resistance is important, care should be taken not to puncture this outer surface skin. Do not use with hot applied sealants. Sealant compatibility should be confirmed by Adfast.

PACKAGING

ADSEAL BACKER ROD ST-2400 is available in a wide variety of diameters and comes in 3 carton sizes. Please see the following chart details on packaging.

ADSEAL BACKER ROD ST-2400 STANDARD CLOSED CELL BACKER ROD

Diameter	Carton sizes	details	Recommended joint width
1/4" (6 mm)	18.5" x 18.5" x 15"	4000' / carton – 2 spools / carton	3/16" or less (5mm or less)
3/8" (10 mm)	18.5" x 18.5" x 15"	2100' / carton – 2 spools / carton	1/4" (6mm)
1/2" (13 mm)	19" x 19" x 30"	2500' / carton – 2 spools / carton	3/8" (10mm)
5/8" (16 mm)	19" x 19" x 30"	1550' / carton – 2 spools / carton	1/2" (13mm)
3/4" (19 mm)	19" x 19" x 30"	1100' / carton – 2 spools / carton	5/8" (16mm)
7/8" (22 mm)	19" x 19" x 30"	850' / carton – 1 spool / carton	11/16" (18mm)
1" (25 mm)	19" x 19" x 30"	600' / carton – 1 spool / carton	3/4" (19mm)
1-1/4" (32 mm)	19" x 19" x 30"	400' / carton – 1 spool / carton	7/8" (22mm)
1-1/2" (38 mm)	13.5" x 13.5" x 73"	6' / piece – 70 pieces / carton	1-1/8" (29mm)
2" (51 mm)	13.5" x 13.5" x 73"	6' / piece – 42 pieces / carton	1-5/8" (41mm)
2-1/2" (63mm)	13.5" x 13.5" x 73"	6' / piece – 27 pieces / carton	2" (51mm)
3" (76mm)	13.5" x 13.5" x 73"	6' / piece – 17 pieces / carton	2-1/2" (63mm)
4" (102mm)	13.5" x 13.5" x 73"	6' / piece – 9 pieces / carton	3" (76mm)

TECHNICAL DATA

ADSEAL BACKER ROD ST-2400 is chemically inert and will resist gasoline, oil, and most solvents. Product will not stain or adhere to sealants.

Property	Value	ASTM Test Method
Density	1.3 – 1.9 lbs/ft ³	D 1622
Water absorption	Less than 0.5% by volume (for D5249 standard)	C 1016
Water absorption	< 0.03 grams / cc (for C1330 standard)	C 1016
Temperature range	-90°F to 190°F (-67°C to 87°C).	
Compression deflection	5 psi	D 5249
Compression recovery	> 90%	D 5249
Tensile strength	> 29 psi	D 1623

Meets standards ASTM D5249 type 3 and ASTM C1330 type C.

WARRANTY

Product is sold without warranty. In no case will Adfast be liable of incidental or consequential damages on the product. Buyer must make their own determination as to the suitability of the product and application.

IMPORTANT

READ CAREFULLY

The information and recommendations contained herein are derived from our research and information from other reliable sources. This data applies only to our products and not when used with other products. We believe in the reliability of our information. However, no guarantee is offered to that effect. It is the responsibility of the buyer to verify this data according to their own operating conditions to ensure that they conform to the purpose for which the product is intended, even before using it.

THE WARRANTY OFFERED BY ADFAST SHALL BE LIMITED TO THE REPLACEMENT OR REIMBURSEMENT OF THE PRODUCT IF THEY HAVE BEEN DEFECTIVE. NO OTHER IMPLIED OR EXPRESS WARRANTY APPLIES. ADFAST DISCLAIMS ANY OTHER LIABILITY FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.