

SEALANTS

SOF®ROD

PRODUCT NAME

Sof®Rod

PRODUCT DESCRIPTION

Type B: Cylindrical, flexible sealant backings composed of bi-cellular material as defined in Terminology ASTM C 717.

Form: Round Foam Rod

Temperature: -45°F to 160°F

FEATURES/BENEFITS

- 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.
- Easy to apply.
- Non-gassing.
- Non-exuding.
- Chemically inert.
- Non-absorbing.

SOF®ROD is a continuous length of extruded polyolefin foam made of a non-absorbing outer skin and a highly resilient interior network of open and closed cells.

SOF®ROD limits the amount of the applied sealant. It acts as a barrier interface to prevent bottom-side adhesion (bondbreaker) and provides a form to assist the sealant in developing the shape factor and depth to width ratio of the sealant.

APPLICATIONS

SOF®ROD is commonly used in expansion and contraction joints where cold applied sealants are used. It is also used in new expansion and contraction joints and joints that are being rehabilitated, that may have non-uniform joint dimension, such as curtain wall construction partitions, precast assemblies and copings, parking decks, bridge construction, building rehabilitation, etc. It easily fills various sizes and shapes of openings and is non-gassing if punctured during installation.

SIZE SELECTION

Proper size selection is important, as it controls the depth of the sealant bead. It must be oversized to fit tightly into the joint and function as a bondbreaker to prevent bottom-side adhesion of the sealant.

COMPATIBILITY

SOF®ROD is basically an inert material, and therefore compatible both physically and chemically with virtually all known cold applied sealants including self-leveling types.

INSTALLATION

Verify that the joint is clean, moisture free and clear of obstructions. Select SOF®ROD in a diameter approximately 25% larger than the joint. Cut SOF®ROD to the desired length or dispense directly from the reel. Position SOF®ROD in the joint at the depth specified by the sealant manufacturer,

engineer, or architect. Press SOF®ROD uniformly into the joint using a blunt tool or roller, such as, CRL Cat. No. T607CU605. Apply the sealant over SOF®ROD following the sealant manufacturer's directions.

PRECAUTIONS

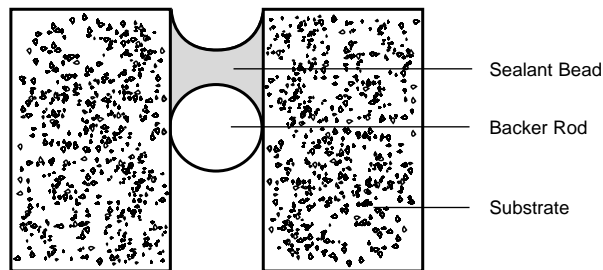
Do not puncture, over compress or stretch SOF®ROD during insertion. Do not use with hot applied sealants. Tests for out-gassing of cold applied sealants shall be made in accordance with ASTM Test Method C1253. Sealant compatibility should be confirmed by the sealant manufacturer. Compatibility characteristics of sealants in contact with sealant backings can be determined by ASTM Test Method C 1807.

TABLE 1 - PHYSICAL PROPERTIES

Property/Test Methods	Value
Water Absorption (ASTM C1016-Procedure B)	0.03-0.10 (g/cc)
Density (ASTM D 1622)	.24-48 (kg/m ³)
Outgassing (ASTM C 1253)	<1 (No. of bubbles)
Compression Recovery (ASTM D 5249)	>90 %
Compression Deflection (ASTM D 5249)	>20.5 (kPa)
Tensile Strength (ASTM D 1623)	>200 (kPa)

PRODUCT PACKAGING INFORMATION

NOMINAL DIAMETER	JOINT DIMENSION	LINEAR FT/ CARTON	WEIGHT/ CARTON
3/8" (10 mm)	1/4" (6 mm)	3600 ft (1097 m)	12 lbs (2 kg)
5/8" (16 mm)	1/2" (13 mm)	1550 ft (472 m)	12 lbs (2 kg)
7/8" (22 mm)	11/16" (18 mm)	850 ft (259 m)	12 lbs (2 kg)
1-1/8" (29 mm)	7/8" (22 mm)	400 ft (122 m)	12 lbs (2 kg)
1-1/2" (38 mm)	1-1/8" (29 mm)	552 ft (168 m)	18 lbs (8 kg)
2" (51 mm)	1-5/8" (41 mm)	360 ft (110 m)	18 lbs (8 kg)



Sof®Rod is used in expansion joints and similar applications

SEALANTS
Sof®Rod

7

PROFESSIONAL QUALITY

March 2003

7

SEALANTS
Sof®Rod

March 2003
PROFESSIONAL QUALITY

TECHNICAL SERVICE

Complete technical information and literature is available from C.R. Laurence Co., Inc. Any technical advice furnished by the company or any representative of the company concerning any use or application of any sealant is believed to be reliable, but the company makes no warranty, expressed or implied, for any use or application for which such advice is furnished.

LIMITED WARRANTY NOTICE

CRL and its manufacturer warrant our products to be of good quality and will replace or, at our election, refund the

purchase price of any products proved defective. Satisfactory results depend not only upon quality products but also upon many factors beyond our control in the application process. Therefore, except for such replacement or refund CRL and its manufacturers make no warranty or guarantee, expressed or implied, including warranties of fitness merchantability, respecting its products. CRL and its manufacturers shall have no other liability with respect thereto. User shall determine the suitability of the product for his intended use and assume all risks and liability in connection therewith. Any authorized change in the printed recommendations concerning the use of our products must bear the signature of the CRL Product Manager.

SEALANTS
Sol@Rod

7

CRL
PROFESSIONAL QUALITY
March 2003

C.R. LAURENCE CO., INC. LOCATIONS
United States

Los Angeles, California
2503 E Vernon Avenue
Los Angeles, CA 90058-1897
Phone: (323) 588-1281
Fax: (323) 581-6522

New York City Area
211 County Avenue
Secaucus, NJ 07094-2006
Phone: (201) 770-1077
Fax: (201) 770-1599

Cleveland area
31600 Carter Street
Solon, OH 44139-3551
Phone: (440) 248-0003
Fax: (440) 248-0120

Dallas, Texas
2080 Lone Star Drive
Dallas, TX 75212-6390
Phone: (214) 634-7305
Fax: (214) 631-6519

Boston Area
97 Robert Treat Paine Drive
Taunton, MA 02780-1267
Phone: (508) 880-5600
Fax: (508) 880-5775

Philadelphia Area
1511 Lancer Drive
Moorestown, NJ 08057-4232
Phone: (856) 727-1022
Fax: (856) 727-3299

Chicago Area
1501 Tonne Road
Elk Grove Village, IL 60007-5069
Phone: (847) 437-8320
Fax: (847) 437-8447

Orlando, Florida
6950 Presidents Drive
Orlando, FL 32809-5668
Phone: (407) 857-7900
Fax: (407) 857-7766

Phoenix, Arizona
640 S. 54th Avenue
Phoenix, AZ 85043-4731
Phone: (602) 269-7500
Fax: (602) 269-7600

San Francisco / Oakland Area
33200 Dowe Avenue
Union City, CA 94587-2013
Phone: (510) 475-1000
Fax: (510) 475-1404

Denver, Colorado
4770 Joliet Street
Denver, CO 80239-2513
Phone: (303) 373-9988
Fax: (303) 373-0884

Europe
C.R. Laurence Europe GmbH
Boschstrasse 6
D-40880 Ratingen B
Düsseldorf, Germany
Phone: 49-2102-74-28-38
Fax: 49-2102-74-28-34

Atlanta, Georgia
600 Wharton Drive
Atlanta, GA 30336-4040
Phone: (404) 696-3445
Fax: (404) 696-3386

Seattle Area
23000 64th Avenue SW
Kent, WA 98032-1838
Phone: (253) 850-5800
Fax: (253) 813-1818

 **CRL Canada** 

Vancouver Area
11920 Horseshoe Way
Richmond, BC V7A 4V5
Phone: (604) 448-9344
Fax: (604) 448-9322

Montreal Area
8200 Rue Des Bâtisseurs
Anjou, QC H1J 3B3
Phone: (514) 352-3300
Fax: (514) 352-1017

Toronto Area
65 Tigi Court
Concord, ON L4K 5E4
Phone: (905) 303-7966
Fax: (905) 303-7965

Calgary, Alberta
4200 116 Avenue SE
Calgary, AB T2Z 4B5
Phone: (403) 250-5783
Fax: (403)291-3260

March 2003
CRL
PROFESSIONAL QUALITY

7
SEALANTS
Sol@Rod