

EZ-STIK

PREMIUM BUTYL JOINT SEALANT



Where To Use

- Sanitary Manhole Joints
- Stormwater Manhole Joints
- Irrigation and Drainage Systems
- Box Culverts
- Elliptical/Arch Pipe
- Architectural Foundations
- Underground Utility Vaults
- Stormwater Treatment & Inlet Structures
- On-Site Treatment Tanks
- Grease Interceptors
- Wet Wells

What It Is

The EZ-Stik butyl rubber all-weather joint sealant in rope form seals all forms of underground concrete and containment structures watertight.

Containing a higher proportion of butyl rubber over non-rubber bitumen and butyl, bitumen blended materials; EZ-Stik provides a better performing joint sealant for longer service life.

EZ-Stik comes in many sizes and shapes for sealing both precision and non-precision joints in manhole, catch basins, curb inlets, vaults, pipe, box culverts and other sanitary and drainage products.

How It Works

- Sealant is applied as a continuous ring around entire joint.
- The excess sealant is then cut to length to create a butt joint.
- Ends of butt joint are kneaded together.
- Protective release paper is removed from the sealant ring.

Why It's Better

- A variety of shapes and sizes to fit almost any application.
- Allow for joint movement and differential settlement in low temperature in accordance to ASTM C 765 - Standard Test Method for Low-Temperature Flexibility of Preformed Tape Sealants
- Tested to higher standards than bitumen (mastic) and blended materials besides ASTM C990, Section 6.2 Butyl Rubber Sealants.
- Compression Recovery – ASTM C 972-00 (2011): Butyl sealants provide rebound for joint settlement and movement.

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SUBMITTAL SPECIFICATIONS

The joints and/or joint surfaces of the structures shall be sealed with a butyl-rubber-based preformed flexible sealant conforming to ASTM C-990, paragraph 6.2, Butyl Rubber Sealant, ASTM C 765 Low Temperature Flexibility, ASTM C 972-00 (2011): Butyl sealants provide rebound for joint settlement and movement and ASTM C 972 Compression Recovery; compression index at 32° F, lbf/in² 200 max.

The material shall be PRO-STIK or EZ-STIK as supplied by PRESS-SEAL CORPORATION, Fort Wayne, Indiana, or approved equal. The butyl material shall

consist of 50% (min.) butyl rubber and shall contain 2% or less volatile matter.

For preformed joint sealants, the sealant shall be sized such that the joint is filled to 50% (min.) of its annular volume when fully assembled, and the sealant shall have the ends kneaded together at the overlap. Primer and/or adhesive as recommended by the sealant supplier shall be employed for adverse, critical, or other applications.

Testing of joints and compliance with construction requirements shall be conducted in strict conformance with the requirements of the sealant supplier.

Product Performance

EZ-STIK BUTYL JOINT SEALANT meets or exceeds all requirements of the following Standards, Specifications and/or Test Methods:

- ASTM C 990 - Standard Specification for Joints for Concrete Pipe, Manholes, and Precast Box Sections Using Preformed Flexible Joint Sealants; Section 6.2 Butyl Rubber Sealants
- AASHTO M 198 - Joints for Circular Concrete Sewer and Culvert Pipe Using Flexible Watertight Gaskets
- ASTM C 972 - 00(2011) - Standard Test Method for Compression-Recovery of Tape Sealant
- ASTM C 765 - 97(2015) - Standard Test Method for Low-Temperature Flexibility of Preformed Tape Sealants



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SELECTION GUIDE

The selection guide displays various sealant roll sizes and their corresponding part numbers. Each size is represented by a black rounded rectangle with white text indicating dimensions in inches and millimeters, and a red part number below it.

- 1/2"**: .45 x .45 (11 x 11 mm) - 277.1
- 3/4"**: .675 x .675 (17 x 17 mm) - 277.2B
- 1"**: .89 x .89 (23 x 23 mm) - 277.3
- 1 1/4"**: 1.0 x 1.255 (25 x 31 mm) - 277.4C
- 1 1/2"**: 1.187 x 1.5 (30 x 38 mm) - 277.5
- 2"**: 1.875 x 1.675 (48 x 43 mm) - 277.6A
- 3/8" (9.5 mm) Round**: 288.103
- 3.5" x 3/8"**: 90 x 10 mm - 287.288A
- 7/8" x 1 3/4"**: .88 x 1.75 (22 x 44 mm) - 277.327
- 1/4" x 1/2" (6.3 x 13 MM)**: 288.406
- 3.5 x 5/8"**: 90 x 10 mm - 287.329A
- 1/2" x 1-1/2" (13 x 38 MM)**: 288.320

Dimensions		Round Equivalent	Roll Length		Rolls per Carton	Cartons per Pallet	Part No.
INCH	mm		FEET	Meter			
.45" X .45"	11 X 11 MM	1/2"	21.75'	6.95 M	12	40	277.1
.675" X .675"	17 X 17 MM	3/4"	14.5'	4.64 M	8	40	277.2B
.89" X .89"	23 X 23 MM	1"	14.5'	4.64 M	6	40	277.3
1" X 1.255"	25 X 31 MM	1.25"	14.5'	4.64 M	4	40	277.4C
1.187" X 1.5"	30 X 38 MM	1.50"	10.5'	3.2 M	4	40	277.5
1.875" X 1.675"	48 X 43 MM	2"	7'	2.1 M	3	40	277.6A
3/8" round	9.5 MM	3/8"	15'	4.5 M	12	56	288.103
3.5" X 3/8"	90 X 10 MM	3.5" X 3/8"	16'	4.9 M	2	56	287.288A
3.5" X 5/8"	89 X 16 MM	3.5" X 5/8"	14.5'	4.64 M	2	40	287.329A
7/8" X 1-3/4"	22 X 44 MM	7/8" X 1.75"	14.5'	4.64 M	4	40	287.327
1/2" X 1-1/2"	13 X 38 MM	1/2" X 1.50"	21.75'	6.95 M	4	40	288.320
1/4" X 1/2"	6.3 X 13 MM	1/4" X 1/2"	20'	6.1 M	20	56	288.406

Custom Sizes Available Upon Request

Also Available in Trowelable Bulk and Easy to Pump Bulk

All sizes sold 40 cartons per pallet. All pallets are shrink wrapped for outside storage.
Quantity discounts available - contact our Customer Service Department.



EZ-STIK

PHYSICAL PROPERTIES

EZ-STIK is a butyl-rubber-based sealant designed to be permanently flexible, tacky and resistant to moisture and deterioration by exposure to dilute chemical solutions. EZ-STIK meets ASTM C990, Section 6.2 requirements for Butyl Rubber Sealant, and AASHTO M198.

Typical Properties

The following values represent typical test results and are manufacturing specifications

	Test Method	Requirement	EZ Stik
Butyl Rubber (Hydrocarbon Content %)	ASTM D4	50% min.	62%
Ash Inert Mineral Filler %	AASHTO T111	30% min.	45-48%
Volatile Matter (AASHTO T47)	ASTM D6	2% max.	0.5-1.0%
Specific Gravity @ 77°F (25 C) (AASHTO T229)	ASTM D71	1.15 - 1.50	1.25 - 1.35
Ductility @ 77°F (25 C), cm (AASHTO T51)	ASTM D113	5.0 min.	Meets requirement
Flash Point C.O.C.	ASTM D92	350° (177 C) min.	375°F (191 C)
Fire Point C.O.C.	ASTM D92	375° min. (191 C)	385°F (196 C)
Compression @ 77F	ASTM C 972	100lbs / in3 max	79
5 minute recovery			6.2 mm
2 hour recovery			6.5 mm
Compression @ 32F	ASTM C 972	200 lbs / in3 max	125
5 minute recovery			6.3 mm
2 hour recovery			6.9 mm
Cone Penetration 77F	ASTM D217	50 to 120 dmm	73 dmm
Cone Penetration 32F		30 dmm minimum	43 dmm
Low Temp Flexibility	ASTM C 765	No cracking or loss of adhesion	Pass
Adhesion after impact	ASTM C 766	Note any sag, adhesion loss or deformation during conditioning / record % loss of adhesion after impact	Pass / no adhesion loss
Chemical Resistance per ASTM C990	30 day immersion 5% NaOH	No deterioration, cracking or swelling	Pass
	30 day immersion 5% H2SO4		Pass
	30 day immersion 5% HCL		Pass

Application Properties

Service Temperature Range	-40F to 250F (-40 to 121 C)
Application Temperature	20F to 120F (-7 to 49 C)
Storage Temperature	Under 120F (49 C)
Shelf Life	2 Years minimum



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