

SEAL-Tite 116-FR

Fuel, Oil and Chemical Resistant Non-Hydrophilic Waterstop

Description:

SEAL-Tite 116-FR is a flexible non-swelling gasket waterstop that is easy to install in non-moving joints. It will not shrink, oxidize, or harden with age. It is rugged in temperatures from -30°F to +200°F

Applications:

Precast Concrete Structures of all types, Cast-In-Place Joints, Foundations, Slabs, Retaining Walls, Storage Tanks, Wall or Floor Penetrations, Utility/Burial Vaults. Not intended for use on expansion joints or joints that move.

Physical Properties		
Description	Test Method	SEAL-Tite Waterstop Values
Color:		BLACK
Specific Gravity, 77°F:	ASTM D271	1.30 – 1.50
Ductility, 77°F:	ASTM D113	6.0 cm
Penetration, Cone 77°F (25°C): 150 gm, 5 sec.	ASTM D217	60-70 mm
Softening Point, Ring & Ball:	ASTM D36	350°F (177°C)
Flash Point C.O.C, °F:	ASTM D92	300°F (148°C) min.
% Solids:		99%

SEAL-Tite 116-FR

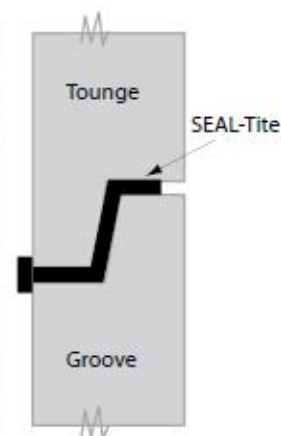
7/8" x 7/8" x 14'6" (8 rolls/carton)
116 linear ft./carton

Durajoint® Adhesive Primer

1 Gallon Pail

Durajoint® Construction Sealant/Adhesive

10.3 oz. Tube (24 tubes/carton)
20 oz. Sausage (12 sausages/carton)



Made in America  U.S. Veteran Owned

Waterstop • Forming Accessories • Tilt-Up Accessories • Prestressed Accessories • Rebar/Mesh Supports

DCA CONSTRUCTION PRODUCTS, LLC

10421 Industrial Dr., Garrettsville, OH 44231 • (888) 833-8308 (Toll-Free) • Fax: (330) 527-2440
Email: sales@durajoint.com



Installation Instructions

Applications:

Cast-In-Place joints, foundations, slabs, retaining walls, storage tanks, wall or floor penetrations, and precast concrete structures of all types. Not intended for use on expansion joints or joints that move. Do not install Seal-Tite waterstop in standing water or over icy substrates.

Installation Instructions:

- Prepare installation surface by grinding away irregularities in the concrete.
- Carefully brush off all dust and debris to remove grease, dust, and laitance from the joint.
- Apply a 1/4" bead of Durajoint® Construction Adhesive or a 2" wide coat of Durajoint® Primer to prepared surface where Seal-Tite waterstop will be placed.
- Using the heel of the hand and moderate pressure, press Seal-Tite waterstop into position.
- Check to be certain that Seal-Tite is bonded prior to concrete pour.
- Peel and discard the protective backing from Seal-Tite waterstop.
- When joining sections of Seal-Tite waterstop gently knead ends creating an uninterrupted seal.
- Keep Seal-Tite dry during installation and until the new concrete pour.
- Continue with concrete pour while taking care to not disturb or displace the position of the waterstop.

Additional Installation Notes:

- Always use an appropriate Durajoint® adhesive to avoid displacement of the Seal-Tite waterstop during concrete pouring.
- Utilization of masonry nails or other mechanical means (12" on center) to secure Seal-Tite is allowable when used in combination with an appropriate Durajoint® Adhesive.
- Place Seal-Tite waterstop so that it is no closer than 2" from the outer surface of poured structure.
- If a keyway is utilized, place Seal-Tite waterstop into the bottom of the formed keyway area.
- Keyways may be used but are not required for installation unless specified.

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SEAL-Tite 116-FR Chemical Resistance Chart

Material	Concentration	Results	Recommendation
Gasoline	100%	No Degradation	Proper Application
Jet A Fuel	100%	No Degradation	Proper Application
JP-4 Fuel	100%	No Degradation	Proper Application
JP-8 Fuel	100%	No Degradation	Proper Application
Kerosene	100%	No Degradation	Proper Application
Moter Oil	100%	No Degradation	Proper Application
Transmission Fluid	100%	No Degradation	Proper Application
Cooking Oil	100%	No Degradation	Proper Application
Mineral Spirits	100%	No Degradation	Proper Application
Alcohol	100%	No Degradation	Proper Application
Anti-Freeze	100%	No Degradation	Proper Application
Runway De-Icer	100%	No Degradation	Proper Application
Cleaning Detergents	100%	No Degradation	Proper Application
Insecticides	100%	No Degradation	Proper Application
Fertilizers	100%	No Degradation	Proper Application
Brake Fluid	100%	Some Swelling After 45 Days	Limited Service Exposure
Methyl Ethyl Ketone	100%	Swelling, Cracking	Inappropriate Application
Toluene	100%	Swelling, Cracking	Inappropriate Application

Limited Warranty

This information is presented in good faith, but we cannot anticipate all conditions under which this information and our products, or the products of other manufactures in combination with our products, may be used. We accept no responsibility for results obtained by the application of this information or the safety and suitability of our products, either alone or in combination with other products. Users are advised to make their own tests to determine the safety and suitability of each such product or product combinations for their own purposes. It is the users' responsibility to satisfy himself as to the suitability and completeness of such information for this own particular use. We sell this product without warranty, and buyers and users assume all responsibility and liability for loss or damage arising from the handling and use of this product, whether used alone or in combination with other products.

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