



**Durajoint®  
Waterstop**  
"The Original"

## SEAL-Tite Non-Hydrophilic Waterstop

### Description:

SEAL-Tite 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.

<b>Physical Properties</b>			
<b>Description</b>	<b>Test Method</b>	<b>Required Values</b>	<b>Actual Values</b>
Color:			BLACK
Specific Gravity, 77°F:	ASTM D71	1.15 – 1.50	1.25
Ductility, 77°F:	ASTM D113	5.0 min.	6.0 cm
Penetration, Cone 77°F:	ASTM D217	55-100 dmm	55-60 dmm
Softening Point, Ring & Ball:	ASTM D36	50 – 100°F min.	350°F (177°C)
Flash Point C.O.C, °F:	ASTM D92	350°F min.	375°F
Fire Point C.O.C, °F:	ASTM D92	375°F min.	475°F (232°C)

### SEAL-Tite 100

3/4" x 1" x 16'8" (6 rolls/carton)  
100 linear ft./carton

### SEAL-Tite 200

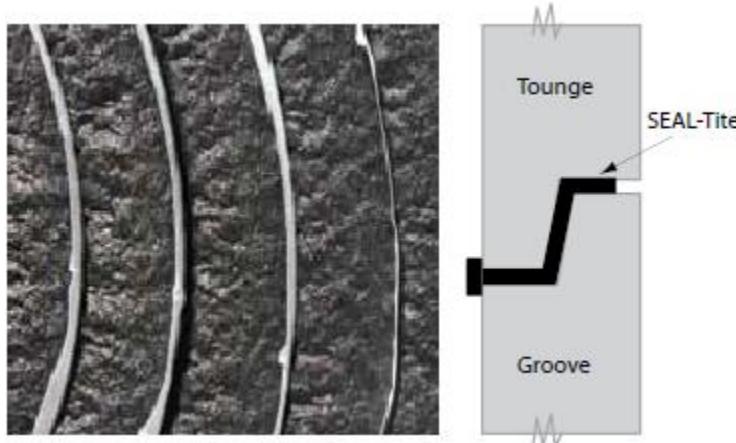
1" x 1" x 36" (30 strips/carton)  
90 linear ft./carton

### 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



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## 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 Chemical Resistance Chart

30-day immersion testing was conducted for Seal-Tite® in multiple chemicals to determine its resistance to various chemicals and provide service recommendations. The results of those immersions are listed below.

### SEAL-Tite Immersion Qualification

5% Formaldehyde	Continuous Service
5% Formic Acid	Continuous Service
5% Sulfuric Acid	Continuous Service
5% Hydrochloric Acid	Continuous Service
5% Sodium Hydroxide	Continuous Service
5% Hydrogen Sulfide	Continuous Service
5% Potassium Hydroxide	Continuous Service
5% Caustic Potash	Limited Service Exposure
5% Hydrochloric Acid	Limited Service Exposure
5% Saturated Hydrogen Sulfide	Limited Service Exposure

**30-Day Immersion Testing:** No visible deterioration when tested in 5% Caustic Potash, 5% Hydrochloric Acid, 5% Sulfuric Acid, and 5% Saturated Hydrogen Sulfide.

**One Year Immersion Testing:** No visible deterioration when tested in 5% Formaldehyde, 5% Formic Acid, 5% Sulfuric Acid, 5% Hydrochloric Acid, 5% Sodium Hydroxide, 5% Hydrogen Sulfide, and 5% Potassium Hydroxide.

**Key:**

**Continuous Service:** Appropriate long-term application, solution has little to no effect on product.  
**Limited Service:** Solution has some effect on product.

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