

## BOA-TAPE™

No primer or torch, just peel, tape and go

BOA-TAPE™ is a tape system designed for sealing joints against ground water infiltration and used to encapsulate manholes, vaults and protect pipelines.

The 50 mils elastomeric mastic in combination with 15 mils of a woven polypropylene, makes this pressure sensitive tape extra sticky.

Pressure sensitive woven polypropylene infiltration sealing tape for concrete, steel and polyethylene.



### APPLICATIONS

- » Manhole Encapsulation/Sealing
- » Pipelines
- » Repair and Rehabilitation
- » Step-Down Joints
- » Square/Rectangular Vaults
- » Septic Tanks/Vaults
- » Provides Corrosion Protection

### BOA-TAPE™ PRIMARY FEATURES AND BENEFITS INCLUDE:

- » High bonding force -
  - » Accommodates ground movement
  - » Seals against ground water infiltration
- » High impact and penetration resistance -
  - » Toughness to resist soil stress
- » Impermeable -
  - » Provides corrosion protection
- » No special tools -
  - » Quick and easy installation
  - » No primer required
  - » No touch required to adhere tape



- » Clean all exterior surfaces of the manhole with a brush or broom to remove any loose cement, dust or small rock particles.



- » Remove 8" (20cm) of release backing and position exposed tape surface on cleaned seam area. Expose 8" (20cm) of tape at a time by pulling release backing away from mastic as tape is wrapped around the entire circumference of the manhole, vault or pipe.



- » Carefully cut the BOA-TAPE™ when applying over cast iron manhole gussets. Gently mold the tape around gussets with roller/gloved hand.

## BOA-TAPE™ CONCRETE SEALING SYSTEM - TYPICAL SPECIFICATION

**NOTE:** For other material specifications, contact Garlock.

### 1.0 Scope:

Apply Garlock Pressure Sensitive Primerless BOA-TAPE™ on exterior concrete manholes or other structures at locations indicated by the Engineer to protect manhole and mitigate infiltration/exfiltration of water and other contaminants. BOA-TAPE™ should be applied over a dust-free, dry concrete surface. The BOA-TAPE™ system should be as manufactured to ISO 9001:2015 standards.

### 2.0 Tape:

 Woven Polypropylene Membrane with Elastomeric Adhesive

The pressure applied BOA-TAPE™ should consist of a 4", 6" or 12" wide wrap-around tape system 65 mils thick with a 15 mil membrane and 50 mils of integrated primer and elastomeric adhesive. Peel Strength should be a minimum of 12.5 lb./in., per ASTM D 1000. Tensile Strength should be 75 lbs/inch width. Mastic softening point should meet or exceed 240°F +/- 10 % in accordance with ASTM E-28. Water Absorption should be less than .5% per ASTM D 570.

### 3.0 Warranty:

All products are warranted against failure caused by manufacturing defects for a period of one year. Any product found to be so defective and returned within one year from date of shipment will be replaced without charge. The above warranty is made in lieu of, and we disclaim, any and all other warranties, expressed or implied, including the warranties of merchantability and fitness for a particular purpose, and buyer agrees to accept the products without any such warranties. We hereby disclaim any obligation or liability for consequential damages, labor costs or any other claims or liabilities of any kind whatsoever.

## BOA-TAPE™ SEALING SYSTEM PROPERTIES

ADHESIVE	ASTM TEST	TEST RESULTS
Softening Point	ASTM E-28	240°F (116°C)
Dielectric Strength	ASTM D-1000	350 volts/mil
TAPE		
Tensile Strength	ASTM D-1000	75lbs./inch width
Elongation	ASTM D-1000	40%
Puncture Resistance	ASTM E-164	200lbs.
Water Absorption	ASTM D-570	0.05%
Penetration Resistance	ASTM G-9	Pass
Fungal Resistance	ASTM G-21	Growth - None

## RISER-WRAP®



- » For extreme applications: Consider RISER-WRAP® heat shrink sleeves.
- » RISER-WRAP® used to rehab. an existing manhole submerged in runoff water.

PSI 1-4\_02.2021

### GARLOCK

an *EnPro* Industries family of companies

Tel: 1-877-GARLOCK / 315.597.4811

Fax: 800.543.0598 / 315.597.3216

www.garlock.com

Garlock

GHT

Garlock Australia

Garlock de Canada, LTD

Garlock China

Garlock Singapore

Garlock Germany

Garlock India Private Limited

Garlock de Mexico, S.A. De C.V.

Garlock New Zealand

Garlock Great Britain Limited

Garlock Middle East