

CRETEX WRAP

External joint sealer for round, arched, elliptical, and culvert pipe.



ADVANTAGES:

- Provides flexible watertight barrier.
- Comes completely ready for installation.
- Is permanent.
- Passes Test ASTM C 1244 Vacuum Test.
- Exceeds ASTM C 877 Type II.
- Positive Seal With Steel Straps.
- Custom Fit Full Perimeter Seal.
- Available with self contained ratchets, which eliminates the need for special tools.
- No need to field cut.
- No need for messy primers or open flames.

Creutex Wrap collars provide a positive, permanent seal against infiltration. Creutex Wrap is a custom fit, full perimeter seal that meets or exceeds ASTM, C-877, (Type II) standard and passes the ASTM C-1244 vacuum test.

Creutex Wrap collars are so versatile that they can be used on manholes, round pipe, elliptical pipe, oval pipe, arched pipe, tongue and groove joints, and bell and spigot joints. In addition, our Creutex Wrap can be used with or without other jointing materials, on wet or dry surfaces, in fact, most any joint type can be sealed.

Creutex Wrap is positively sealed to manhole or the pipe with steel straps.

The Creutex Wrap collar is secured around the manhole or pipe with a steel strap on each side of the joint. These straps compress the mastic undersurface of the collar into the surface of the manhole or pipe wall giving a water tight seal.

Creutex Wrap provides a flexible, watertight barrier.

Creutex Wrap is a strong, multi-layered, reinforced collar that is waterproof and flexible. It will allow the use of joints that have been damaged in handling which may otherwise be rejected.

Creutex Wrap is permanent.

The Creutex Wrap collar is highly resistant to acids and alkalines. When the joint is finished the steel straps are embedded within the collar and are protected from corrosion.

A water tight fit that's versatile and durable.

Tensioning Ratchets provide easy installation and are permanent.



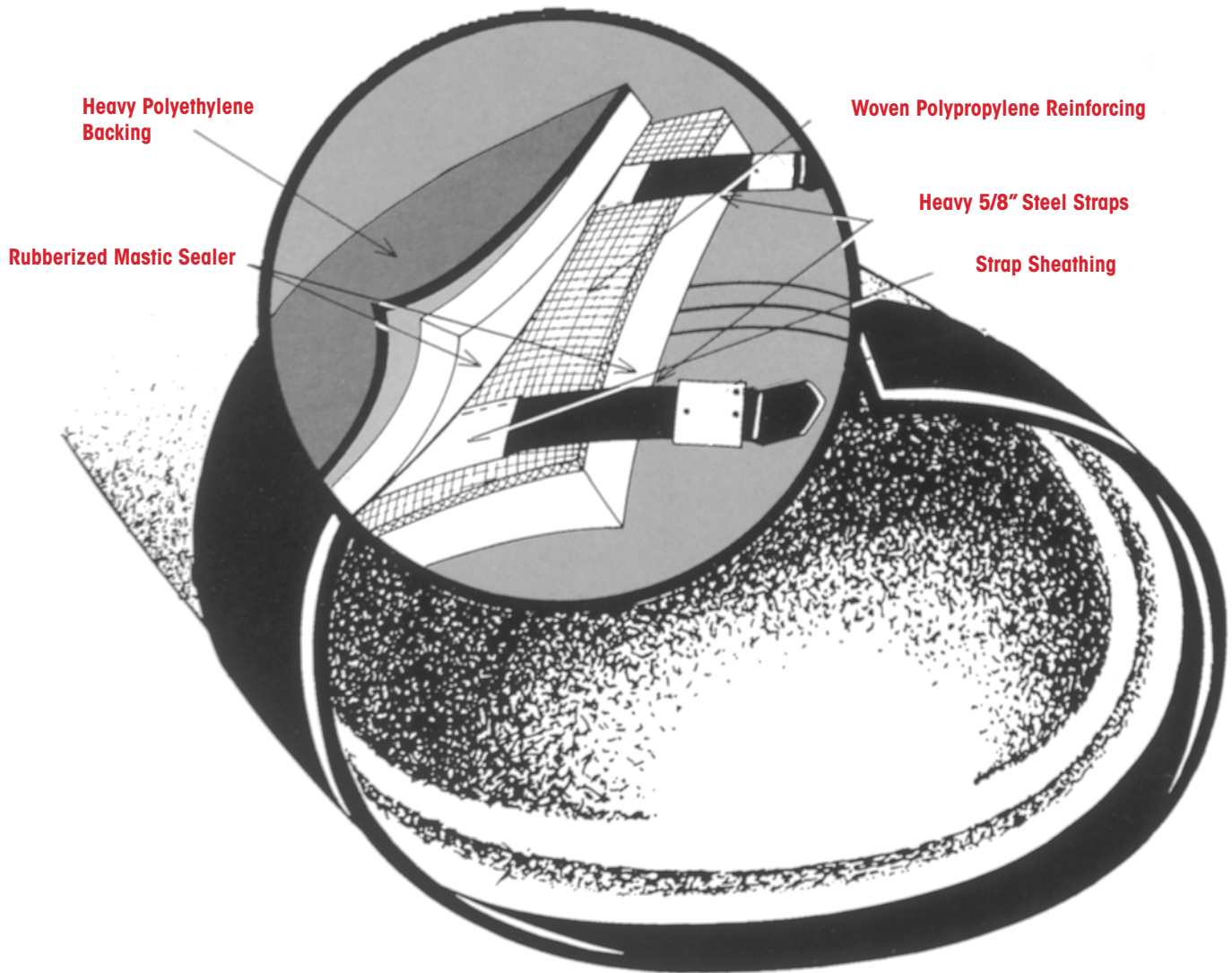
Step 1: Brush or sweep portion of joint to insure foreign materials do not interfere with the direct contact between the joint to be sealed and the mastic sealer of the CRETEX WRAP.

Step 2: Align the collar directly of the joint to where the straps close over the top of the pipe.

Step 3: Remove the protective plastic film exposing the mastic side to the joint. Wrap the exposed mastic around the joint.

Step 4: Insert the loose strap and through the take-up shaft. Push down and up on the handle to apply tension, once proper tension achieved push handle down to lock into position. Excess strap may be cut off.

Step 5: Remove the protective film from the closing flap to cover the tensioning ratchets and straps, completing the joint.



Designed to last a lifetime.

The Cretex Wrap collar is made up of two layers. The bottom layer (next to the manhole or pipe) is made of tough woven polypropylene fabric with a thick rubberized mastic coating with a peelable protective paper that is removed when the collar is applied to the manhole or pipe. The outer layer consists of an impervious polyethylene with a rubberized mastic that is bonded to the bottom layer. Between these layers are steel straps sheathed

in tubes that allow the straps to slip freely and tighten around the manhole or pipe.

The ends of the two layers are off-set so that in applying to the manhole or pipe the bottom layer overlaps itself. The straps are secured and the top layer then covers the exposed portion of strap, completing the joint. The collar comes complete, ready for application.



Product Data Sheet

SAMPLE SPECIFICATION

PART 1 GENERAL

1.01 WORK REQUIRED

An external joint seal shall be installed on each section joint of all sanitary manholes in accordance with the manufacturer's instructions.

1.02 SUBMITTALS

The contractor shall make submittals of the manufacturer's literature, shop drawings, installation instructions, and other items in accordance with the provisions of the Standard Specifications. The contractor shall submit certification from the manufacturer stating that their product meets, or exceeds, the requirements of ASTM C-877, Type II.

PART 2 PRODUCTS

2.01 EXTERNAL JOINT SEAL

External joint seals shall meet, or exceed, the requirements of ASTM C-877, Type II. External joint seals shall be Cretex Wrap External Joint Sealers as manufactured by Cretex Specialty Products or pre-approved equal conforming to the following requirements. External joint seals shall consist of a collar a minimum of 12" wide with an outer layer of polyethylene, with

a minimum tensile strength of 4000 psi and a minimum tear resistance of 1500 psi, and an under layer of rubberized mastic that is reinforced with a woven polypropylene fabric. Two 5/8 inches steel straps with self-contained tensioning ratchets shall be located within the collar 3/4 inches from each edge. The straps shall be confined in tubes that isolate them from the mastic and allow them to slip freely when mechanically tightened and locked around the manhole. The collar shall be furnished with a minimum of 8 inches overlap and a closing flap to cover any remaining exposed strap.

PART 3 MEASUREMENT AND PAYMENT

3.01 EXTERNAL JOINT SEAL

All costs for furnishing and installing the external joint seals shall be included in the unit bid price for sanitary manholes.

*12" width is usually wide enough for typical manholes with smooth outside walls. Special widths and sizes are available upon request.

TYPICAL PROPERTIES

Polyethylene Backing	Tensile strength, min, psi	4,000	D882	Method A
	Elongation at break, min, %	100	D882	Method A
	Tear resistance, min, psi	1,500	D624	Die C
	Water absorption, max, %	0.01	D570	
Reinforcing Mesh Element	Tensile strength, min, lb, in.		D1682	
	Warp 75			
	Fill 75			
	Elongation at break, min, %			
	Warp 20			
	Fill 20			