

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.

OPTION A: 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.

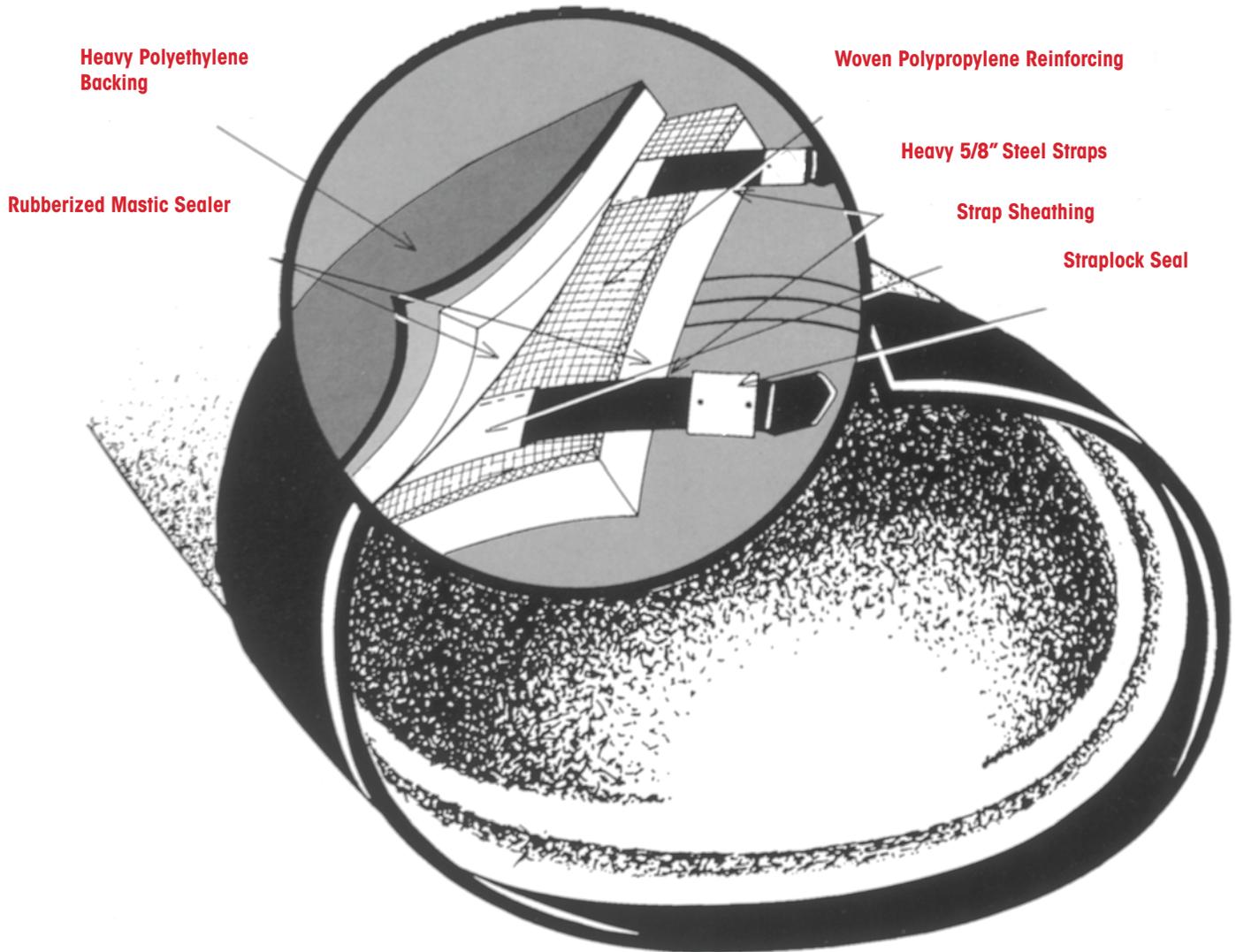
Step 3: Remove the protective plastic film exposing the mastic side to the joint. Wrap the exposed mastic around the joint.

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.

OPTION B: Our Standard Cretex Wrap Installation is quick, cost effective and permanent.





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

All manhole joints shall be installed with an exterior joint collar. The joint collar shall be Cretex Wrap Exterior Joint Sealer as manufactured by Cretex Specialty Products or an approved equal and shall be installed according to the manufacturer's recommendations. The collar shall consist of a band (*)" wide. The band shall have an outer layer of polyethylene with an under layer of rubberized mastic that is reinforced with a woven polypropylene fabric. There shall be a peelable protective paper against the mastic that is removed when the collar is applied to the joint. Within the collar two steel straps 5/8" wide shall be located 3/4" from each edge of the band. The straps shall be in tubes that isolate them from the mastic and allow them to slip freely when tightened around the manhole or pipe. The collar shall be designed so that when it is applied around the joint the

ends shall overlap at least 6" and when the straps are secured a layer shall completely cover the straps protecting them from moisture and rust. For pipe applications, a bell hole shall be dug under the joint. After removing the protective paper, the band shall be placed around the manhole. The steel straps shall be secured with the proper tools. The closing flap shall cover all remaining exposed strap.

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