

**Specification  
Cretex Manhole Joint Wrap**

**PART 1 GENERAL**

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- 1.01** All manhole joints shall be sealed with a minimum nine (9) inch wide exterior joint wrap meeting the Materials requirements of this specification and installed according to manufacturer's recommendations.

**PART 2 MATERIALS**

- 2.01** The External joint seal shall meet or exceed the requirements of ASTM C-877, type II. External joint seals shall be Crete*x* Wrap External Manhole Joint Seals or pre-approved equal conforming to the following requirements.

External joint seals shall consist of a collar 9" to 24" 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" steel straps 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 with mechanically tightened and locked around the manhole joint. The collar shall be furnished with a minimum of 6" overlap and a closing flap to cover any remaining exposed strap.

- 2.01** Manhole wrap shall be Crete*x* Wrap by Crete*x* Specialty Products, Waukesha, WI, 1 800-345-3764, or pre-approved equal.

**PART 3 EXECUTION<sup>1</sup>**

- 3.01** Check the surface to make sure there is not a build up of mud or other debris that might prevent contact of the joint seal to the surface. Surface may be wet or dry. Remove the protective paper from the collar to expose the sticky side while applying to the joint. Place the collar so that the over flaps are on one side of the manhole. Secure the wrap by tightening the straps with the proper tool. Close the flap to cover the remaining exposed strap.
- 3.02** Measurements and tools shall be the responsibility of the contractor.