

Sealing Properties

- Provides permanently flexible watertight joints.
- Excellent chemical and mechanical adhesion to clean, dry surfaces
- Sealed Joints will not shrink or harden upon aging.

Typical Applications

- Box Culverts
- Stormwater Manhole Joints
- Sanitary Manhole Joints

Specifications

ConSeal CS-102 meets or exceeds the requirements of Federal Specification SS-S-210 (210-A), AASHTO M-198B, and ASTTM C-990-91.

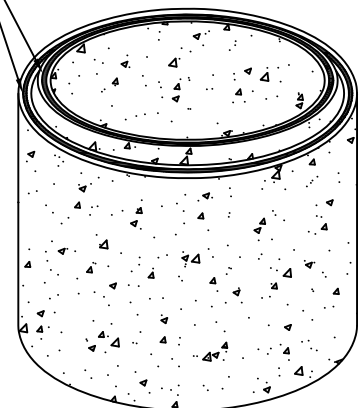
Physical Properties

	Spec	Required*	CS 102
Hydrocarbon blend content % by weight	ASTM D4 (mod.)	50% min.	51%
Inert mineral filler % by weight	AASHTO T111	30% min.	35%
Volatile Matter % by weight	ASTM D6	2% max.	1.2
Specific Gravity, 77°F	ASTM D71	1.15-1.50	1.25
Ductility, 77°F	ASTM D113	5.0 min.	10
Penetration, cone 77°F, 150 gm. 5 sec.	ASTM D217	50-100	55-60
Penetration, cone 32°F, 150 gm. 5 sec.	ASTM D217	40 mm	40-65
Flash Point, C.O.C., °F	ASTM D92	350°F min.	450°F
Fire point, C.O.C., °F	ASTM D92	375°F min.	475°F

Immersion Testing

- 30-Day Immersion Testing: No visible deterioration when tested in 5% Caustic Potash, 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.
- Requirements of ASTM C-990 Standard Specification for joints for Concrete Pipe, Manholes, and Precast Box Sections Using Preformed Flexible Joint Sealants.

2 ROWS APPLIED FOR SANITARY MANHOLE JOINTS



ConSeal™ CS102 Butyl Rubber Joint Sealant

SIGNATURE OF APPROVAL

DATE

JAR

DWG

STRUCTURE

2/08/16

CSJS