



**CONSEAL™**  
Concrete Sealants INC.

**CS-212**

Polyolefin Backed Exterior Joint Wrap

**APPLICATIONS**

For self-sealing joints in: Box Culverts, Underground Concrete Vaults, Segmented Bridge Structures, Wastewater Structures and Arched Bridge Structures.

**SEALING PROPERTIES**

- Excellent resistance to puncture, tear and abrasions.
- Aggressively bonds to concrete and metal structures.
- Provides a permanent flexible water and soil barrier.
- Will not shrink, harden or oxidize upon aging.
- Available in numerous standard sizes (4", 6", 8", 12" and 26" widths).
- Custom widths and lengths available upon request.
- CS-212 should be used in conjunction with a compatible primer. Consult Concrete Sealants for the proper primer to meet your application.



**SPECIFICATIONS**

ConSeal CS-212 meets ASTM E-1745, C-877 and C-990 Specifications.

**TECHNICAL DATA**

ASTM E-1745: Standard specification for plastic water vapor retarders used in contact with soil or granular fill under concrete slabs.

Class C. Specification	Test Method	E-1745 Requirement	CS-212
Water Vapor Permeance	ASTM F-1249	0.30 perms, max.	0.045 perms, max.
Tensile Strength	ASTM E-154	13.6 lbs./in, min.	21 lbs./in., min.
Puncture Resistance	ASTM D-1709	475 grams, min.	864 grams, min.

**TECHNICAL DATA**

ASTM C-877: Standard specification for external sealing bands for noncircular concrete sewer, storm drain and culvert pipe.



**CONSEAL™**  
Concrete Sealants INC.

- ISO 9001:2000 Registered Company
- Water Based Coatings
- Polyolefin Backed Exterior Joint Wraps
- Controlled Expansion Waterstop Sealants
- NSF Listed & Fuel Resistant Butyl Sealants

**Don't Just Seal It, ConSeal It!**

**www.conseal.com**  
**1.800.332.7325**



**CONSEAL™**  
Concrete Sealants INC.

# CS-212

Polyolefin Backed Exterior Joint Wrap

<b>Type III, Specification</b>	<b>E-1745 Requirement</b>	<b>CS-212</b>
Backing Bond Element	4 Mil, min. thickness	4 Mil
Butyl Rubber Adhesive	.03 inch, min. thickness	.065, min.

ASTM C-990: Standard specification for joints for concrete pipe, manholes and precast box sections using preformed flexible joint sealants.



Section 6, Specification	C-990 Test Method	Requirements	CS-212
Hydrocarbon blend content % by weight	ASTM D-4	50-70%	52, min.
Inert mineral filler % by weight	ASTM C-990	30% min.	45, min.
Volatile Matter % by weight	ASTM C-990	2.0 max.	1.20
Specific Gravity	ASTM C-990	1.15-1.50	1.20-1.25
Ductility, 7°F	ASTM D-113	5.0, min.	12, min.
Penetration, cone 77°F, 150 gm. 5 sec	ASTM D-217	50-120 mm	70-80 mm
Softening point, °F	ASTM D-36	320°F, min.	335°F, min.

**Not for use in expansion joints or joints that move.**

**LIMITED WARRANTY**

This information is presented in good faith, but we cannot anticipate all conditions under which this information and our products, or the products of other manufacturers in combination with our products, may be used. We accept no responsibility for results obtained by the application of this information or the safety and suitability of our products, either alone or in combination with other products. Users are advised to make their own tests to determine the safety and suitability of each such product or product combinations for their own purposes. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for this own particular use. We sell this product without warranty, and buyers and users assume all responsibility and liability for loss or damage arising from the handling and use of this product, whether used alone or in combination with other products.



**CONSEAL™**  
Concrete Sealants INC.

- ISO 9001:2000 Registered Company
- Water Based Coatings
- Polyolefin Backed Exterior Joint Wraps
- Controlled Expansion Waterstop Sealants
- NSF Listed & Fuel Resistant Butyl Sealants

**Don't Just Seal It, ConSeal It!**

**www.conseal.com**  
**1.800.332.7325**