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POLYOLEFIN COATED CONNECTORS



MIGHTY-SEAL® PVC Jacketed MC and TECK Cable Connectors



595-DC2C & 596-DC2C

895-DC2C

MAKE THE BEST CONNECTION IN HARSH ENVIRONMENTS

In environments that stress the need for corrosive protection, Bridgeport's POLYOLEFIN coated products offer a high level of protection, while maintaining a much more environmentally-friendly product than other coated materials on the market. The coating is resistant to a vast variety of corrosive chemicals, and provides an extremely strong environmental shield thus prolonging the life of the fittings.

Features:

- Superior chemical and galvanic corrosion protection
- UV protection provides long-term stability in exposed installations
- Reduced environmental footprint
- Strong and flexible
- Resists cracking, abrasion, and damage from impact
- Easily repaired

Applications:

- Direct burial applications, installation in concrete and where exposed to cinder fills, strong chlorides, caustic alkalis, and chlorine and hydrochloric acid vapors
- Branch, feeder and service power distribution in commercial, industrial, institutional, and multi-residential buildings
- Power, lighting, control, and signal circuits
- Plaster embedded applications
- Places of Assembly per NEC 518.4 and theaters per NEC 520.5
- Aerial cable applications
- Under raised floors for information technology equipment conductors and cables per NEC 645.5(D) & 645.5(D)(2)
- Class I Div. 2, Class II Div. 2, & Class III Div. 1 Hazardous Locations

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POLYOLEFIN COATED CONNECTORS

THE ENTIRE LINE OF MIGHTY-SEAL® PVC JACKETED MC AND TECK CABLE CONNECTORS



CONCRETE TIGHT RAIN TIGHT

The 595-DC and 895-DC series connectors are for connecting 12/2 to 10/3 PVC jacketed MC cable (parking deck/lot cable) or 14/2, 14/3, 12/2 TECK Cable with .610" maximum armor and .720" maximum jacket to box or enclosure. The 596-DC series connectors are for connecting 10/4 to 8/3 PVC jacketed MC cable or 14/3 thru 10/3 TECK Cable with .685" maximum armor and .800" maximum jacket. Simply strip 7/8" to 1" of jacket from end of cable, loosen nut, and push cable into connector until cable reaches end stop. Tighten nut for raintight connection. Knockout gasket provides positive seal at 1/2" K.O. NPT tapered threads permits installation in threaded boxes. The 595-DC2C, 596-DC2C and 895-DC2C have a polyolefin coating and are listed for direct burial. Concrete tight. Patented.

cULus File No. E20534 (except 595-DC2C, 596-DC2C and 895-DC2C)

cETLus Listed: 595-DC2C, 596-DC2C and 895-DC2C

Zinc Die Cast

Catalog Number	Trade Size	K.O. Size	Unit Qty.	Std. Pkg. Qty.
595-DC2	3/8"	1/2"	15	60
596-DC2	1/2"	1/2"	15	60
895-DC2*	3/8"	1/2"	10	40

Zinc Die Cast / Insulated Throat - 90°C

Catalog Number	Trade Size	K.O. Size	Unit Qty.	Std. Pkg. Qty.
595-DCI2	3/8"	1/2"	15	60
596-DCI2	1/2"	1/2"	15	60
895-DCI2*	3/8"	1/2"	10	40

Zinc Die Cast / Polyolefin Coating

Catalog Number	Trade Size	K.O. Size	Unit Qty.	Std. Pkg. Qty.
595-DC2C	3/8"	1/2"	10	40
596-DC2C	1/2"	1/2"	15	60
895-DC2C	3/8"	1/2"	10	40

* 90° version

PERFORMANCE:

Acceptance and uses of thermoplastic type protective coatings are world-wide and growing. Their performance and environmental merits have been recognized by numerous Government, Military, and OEM users like:

- CALTRANS (California Department of Transportation) Bridge Components
- City and County of Denver
- CDOT (Colorado Department of Transportation)

The following is a summary of Bridgeport's Polyolefin performance characteristics:

Adhesion	ASTM D4541	>1,000 psi
Hardness (Shore D)	ASTM D2240	55
Impact Resistance	ASTM D2794	>384 in./lbs.
Tensile Strength	ASTM D638	3,482 psi
Elongation	ASTM D638	498%
Salt Spray	ASTM B117	>2,000 hours
Q UV	ASTM G53	2,000 hours, no significant change to color/gloss
Tabor Abrasion	ASTM D4060	100 mg loss (CS 17 wheel)
Flexibility	ASTM D522	1/8", no cracks (greater than 32%)
Dielectric	ASTM D149	893 +/-163 volts/mil (at 20mil, varies with color)
Volume Resistivity	ASTM D257	4.67 x 10 ¹³ ohms/cm
Flame Spread Index	ASTM E84	CLASS 1 or "A"
Smoke Index	ASTM E84	CLASS 1 or "A"
Color	-----	Light Gray



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