THE WALL OF ORANGE

BUILT FOR WHAT MATTERS



# BRIDGEPORT EXPOSED LOCATIONS









# STAND UP TO THE ELEMENTS





SEE THE DIFFERENCE ORANGE MAKES™ BPTFITTINGS.COM/EXP

# EXPOSED LOCATIONS

From applications like direct burial and wet locations to state-of-the-art solar, you can count on Bridgeport for unmatched quality, innovation and performance.

#### BETTER WAYS TO GET THE JOB DONE

We've developed new products that redefine how you work. With innovations like liquid tight transition fittings, single bolt ground clamps and split grounding bushings, you'll save time and effort on every job.

## QUALITY IN ZINC, STEEL, BRASS, BRONZE, NONMETALLIC AND POLYOLEFIN-COATED

Bridgeport's legendary quality shines in exposed location applications. They resist corrosion and hold up to sunlight and moisture. Bridgeport shows your customers you take pride in your work.

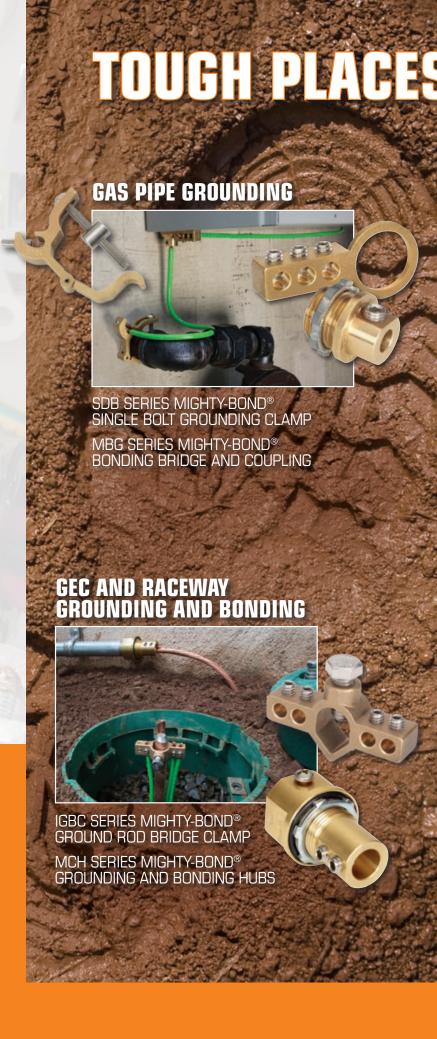
## BUILT WITH AN ELECTRICIAN'S POINT OF VIEW

When you work with Bridgeport, you're working with experience. Our team has proven themselves in the field, understands your challenges and strives to make your job easier.

# THE WALL OF ORANGE

#### **ORANGE CAN HANDLE IT**

Go with proven products from the Bridgeport Wall of Orange. They can take tough.



# DEMAND RUGGED PRODUCTS.





## JACKETED MC CABLE CONNECTION AND SUPPORT



# MATERIAL SOLUTIONS COR-SHIELD POLYOLEFIN COATED

Bridgeport's **ETL Listed and Direct Burial Rated** polyolefin-coated products are designed to withstand the toughest exposed locations on the planet. We stock many Bridgeport staples such as threaded hubs, liquid tight fittings, and three-piece conduit couplings.

Additionally, we are equipped to custom coat other Bridgeport and non-Bridgeport fittings for your specific application! Contact your Bridgeport Distributor or any one of Bridgeport's Technical Sales Managers. See the map on the back of this brochure for the contact information of your nearest Technical Sales Manager.



#### **FIRE PERFORMANCE**

Our coating materials are composed almost entirely of carbon, hydrogen, and oxygen compounds. On burning, therefore, the fumes are principally made up of carbon dioxide and water. Bridgeport's Cor-Shield product exceeds the requirements for coating in tunnels, enclosed buildings, and on passenger trains, and passes the stringent ASTM E84 fire test for combustible building materials.



#### **UV PROTECTION**

The unique chemical properties of the Bridgeport Cor-Shield polymer-based polyolefin provides unsurpassed UV corrosion protection when installed outdoors or exposed to sunlight and other UV producing environments. This means an extra layer of protection for long-term exposed installations!



#### REDUCED ENVIRONMENTAL FOOTPRINT

Unlike traditional PVC-coated components and other coatings such as tapes, paints, etc. Bridgeport's Cor-Shield proven state-of-the-art thermoplastic polyolefin-coating technology contains:

- No reactive ingredients
- No phthalates
- No halogens
- No isocyanates
- No heavy metals
- No VOC's
- No chlorine components
- No hydrogen chloride gas emissions resulting from burning



#### **ADDITIONAL PRODUCT BENEFITS:**

- Adhesion without primers
- Chemical and galvanic corrosion protection
- Low smoke and flame spread ratings
- High dielectric strength
- Superior flexibility without cracking at low temperatures
- Superior mechanical, abrasive, and impact resistance
- Light weight
- Food and water contact approved
- Field repair ability







#### Polyolefin-Coated Zinc Die Cast Threaded Hubs

To secure threaded rigid service entrance conduit to box or enclosure. Insulated throat rated 105°C. BUNA-N sealing ring completely encircles knockout to prevent contaminants from entering enclosure. Listed for Direct Burial.

cETLus Listed

Catalog Numbers	Trade Sizes
151-DCC thru 160-DCC	1/2" thru 4"



#### Polyolefin-Coated Zinc Die Cast Liquid Tight Connectors

Straight connector for use with metallic and nonmetallic "Type B" liquid tight conduit. Suitable for use in Class 1, Division 2; Class II, Divisions 1 & 2; and Class III, Divisions 1 & 2 per NEC 501.30 (B). Listed for Direct Burial. cETLus Listed

Catalog Numbers	Trade Sizes
431-LT2C thru 439-LT2C	3/4" thru 4"

# MATERIAL SOLUTIONS COR-SHIELD POLYOLEFIN COATED continued



#### Polyolefin-Coated 90° Zinc Die Cast Liquid Tight Connectors

90° connector for use with metallic and nonmetallic "Type B" liquid tight conduit. Listed for Direct Burial.

**cETLus Listed** 

Catalog Numbers	Trade Sizes
469-LT2C thru 479-LT2C	3/8" thru 4"



#### Mighty-Seal® Zinc Die Cast Polyolefin-Coated Jacketed MC and TECK Cable Connectors

Used for connecting Jacketed Cable (parking deck/lot cable) to boxes or enclosures. Listed for Direct Burial. Patented.

**cETLus Listed** 

Catalog Numbers	K.O. Size	MC Cable Range	TECK Cable Range
595-DC2C	1/2"	12/2 - 10/3	14/2 - 12/2
596-DC2C	1/2"	10/4 - 8/3	14/3 - 10/3
895-DC2C*	1/2"	12/2 - 10/3	14/2 - 12/2
*90° Version			



#### Mighty-Hold® Polyolefin-Coated Steel Universal Clamp Straps

One piece clamp back and strap secures both cable and conduit. Secures EMT, Rigid, IMC, Metallic Liquid Tight, Nonmetallic Liquid Tight, FMC, and Schedule 40 and Schedule 80 PVC conduit, as well as steel and aluminum AC/MC cable. Listed for Direct Burial. Patented.

**cETLus Listed** 

Catalog Numbers	Trade Sizes	
UCSC-5075	1/2" - 3/4"	
UCSC-75100	3/4" - 1"	
UCSC100125	1" - 1 1/4"	
UCSC125150	1 1/4" - 1 1/2"	
UCSC150200	1 1/2" - 2"	







#### Polyolefin-Coated Three-Piece Conduit Couplings

Used to join two lengths of threaded rigid and IMC conduit. Listed for Direct Burial. **cETLus Listed** 

Catalog Numbers

**Trade Sizes** 

1121C thru 1130C

1/2" thru 4"



#### Polyolefin-Coated Steel Raintight Combination Couplings

Used to join rigid or IMC to metallic liquid tight conduit. Listed for Direct Burial. **cETLus Listed** 

Catalog Numbers	Trade Sizes
4370-LTC thru 4375-LTC	1/2" thru 2"



### MATERIAL SOLUTIONS - STAINLESS STEEL

Stainless steel is an alloy of low carbon steel and chromium and is highly corrosion-resistant, making it suitable for outdoor use and marine applications. Because the anti-corrosive properties are inherent to the metal, it will not lose its resistance if scratched during installation or use.





#### Mighty-Bond® Stainless Steel Raintight Grounding and Bonding Hubs

Raintight Grounding and Bonding Hubs provide a listed method of bonding between ground electrode conductors (GEC), grounded conductors, bonding jumpers, and boxes, devices or enclosures. The MCH is listed for use in wet locations, when connected to a box or enclosure. When connected to rigid metal conduit, the MCH will also function as a raceway bonding hub, yoke or choke. Setting the conductor set screw bonds the MCH to the raceway, the bonding or grounding conductor, and to the enclosure without the need for an external lug. Note: Not for use in concentric knock-outs. Patented.

**cETLus Listed** 

Catalog Numbers	Trade Sizes	Conductor Range	Max O.D.
MCH-125	1 1/4"	3/0 to 400 MCM AL/CU	.812
MCH-150	1 1/2"	250 to 500 MCM AL/CU	.875
MCH-200	2"	350 to 750 MCM AL/CU	.968



#### Mighty-Hold® Stainless Steel Universal Clamp Straps

One piece clamp back and strap secures both cable and conduit. Secures EMT, Rigid, IMC, Metallic Liquid Tight, Nonmetallic Liquid Tight, FMC, and Schedule 40 and Schedule 80 PVC conduit, as well as steel and aluminum AC/MC cable. Patented. cULus File No. E161206

Catalog Numbers	Trade Sizes
UCSS-5075	1/2" - 3/4"
UCSS-75100	3/4" - 1"
UCSS100125	1" - 1 1/4"
UCSS125150	1 1/4" - 1 1/2"
UCSS150200	1 1/2" - 2"



#### Mighty-Hold® Stainless Steel Universal Straps

For PVC jacketed steel MCI-A cable. Suitable for use in wet locations. Supports multiple sizes. Stainless Steel. Patented. **cULus File No. E161206** 

Catalog Number	Hole Size	Cable Range
USS-6171	.210"	12/2 - 10/3

### MATERIAL SOLUTIONS - ZINC DIE CAST

You'll find zinc protecting steel from corrosion in the products we all use every day – from the products we use to cut the grass, or components in the cars we drive, or to the ones we use to connect our electrical infrastructure. Zinc plating has found wide acceptance as a surface finish throughout all consumer, industrial, and commercial products. Yet, Bridgeport not only zinc plates their steel product but, in addition, makes a zinc die cast product that provides the industry with a solution yielding complete



cathodic protection from scratches, chips, and abrasion. Zinc is a metal with a relatively low galvanic potential and a small tendency to corrode. The subsequent corrosion rate of the final product is low. Check the Bridgeport Catalog for a complete listing of Bridgeport Zinc Die Cast Products.



#### Zinc Die Cast Threaded Hubs

To secure threaded rigid service entrance conduit to box or enclosure. Insulated throat rated 105°C. BUNA-N sealing ring completely encircles knockout to prevent contaminants from entering enclosure. Concrete-tight.

CULus File No. E9391: NEMA Type 4 - Water Tight CSA File No. LR39354

Catalog Numbers	Trade Sizes
151-DC thru 160-DC	1/2" thru 4"



#### Mighty-Seal® Push-EMT® Zinc Die Cast Raintight Connectors

Connecting EMT conduit in wet locations has never been this fast and easy. Prepare the conduit and simply push the connector on! Concrete-tight. Patented. **cULus File No. E24001** 

Catalog Numbers	Trade Sizes	
250-MSRT and 251-MSRT	1/2" and 3/4"	
(105°C Insulated Throat) 250-MSRTI and 251-MSRTI	1/2" and 3/4"	



#### Mighty-Seal® Push-EMT® Zinc Die Cast Raintight Couplings

Coupling EMT conduit in wet locations has never been this fast and easy. Prepare the conduit and simply push the coupling on! Concrete-tight. Patented. cULus File No. E24001

Catalog Numbers	Trade Sizes
260-MSRT and 261-MSRT	1/2" and 3/4"



#### Zinc Die Cast Raintight Compression Connectors

Compression style connector with internal sealing ring and knockout gasket to create a raintight seal when connecting EMT to box or enclosure. 2 1/2" thru 4" Listed for both EMT and RIGID/IMC. NPT Threads. Patented.

cULus	File No. E24001

Catalog Numbers	Trade Sizes	
250-RT2 thru 259-RT2	1/2" thru 4"	
(90°C Insulated Throat)		
250-RTI2 thru 259-RTI2	1/2" thru 4"	

## MATERIAL SOLUTIONS - ZINC DIE CAST continued



#### Extra-Long Zinc Die Cast Raintight Compression Connectors

Compression style connector with internal sealing ring and knockout gasket to create a raintight seal when connecting EMT to box or enclosure. Extra-long NPSM threads for connecting to thicker enclosures and solar combiner boxes. Patented.

cULus File No, E24001

Cata	log	Num	bers
------	-----	-----	------

#### Trade Sizes

250-RT2XL thru 252-RT2XL

1/2" thru 1"



#### Zinc Die Cast Raintight Compression Couplings

Compression style coupling used to join two lengths of EMT. Internal sealing rings create a raintight seal. Patented.

**UL File No. E24001** 

**Catalog Numbers** 

#### **Trade Sizes**

260-RT thru 269-RT

1/2" thru 4"



#### Mighty-Merge® Zinc Die Cast Raintight Combination Couplings

Couplings used to transition EMT to rigid for a secure raintight seal. Patented. cETLus Listed

#### **Catalog Numbers**

#### Trade Sizes

290-RT thru 292-RT

1/2" thru 1"



#### Straight Zinc Die Cast Liquid Tight Connectors

Use with metallic and nonmetallic "Type B" liquid tight conduit. Suitable for use in Class 1, Division 2; Class II, Divisions 1 & 2; and Class III, Divisions 1 & 2 per NEC 501.30 (B). NPT Threads UL File No. E9391 CSA File No. LR39354

	CSA
Catalog Numbers	;
429-LT2 thru 439-I	_T2

#### Trade Sizes

29-LT2 thru 439-LT2 3/8" thru 4"

(90°C Insulated Throat)

429-LTI2 thru 439-LTI2 3/8" thru 4"



#### 90° Zinc Die Cast Liquid Tight Connectors

Use with metallic and nonmetallic "Type B" liquid tight conduit. Suitable for use in Class 1, Division 2; Class II, Divisions 1 & 2; and Class III, Divisions 1 & 2 per NEC 501.30 (B). NPT Threads UL File No. E9391 CSA File No. LR39354

Catalog Numbers	Trade Sizes
469-LT2 thru 479-LT2	3/8" thru 4"
(90°C Insulated Throat)	
469-LTI2 thru 479-LTI2	3/8" thru 4"





#### Zinc Die Cast UF Connectors

Connector provides watertight seal around underground feeder cable. Tapered (NPT) threads. **UL File No. E11698** 

Catalog Numbers	Trade Sizes	Cable Size
761-UF	1/2"	14/2 (.250") to 10/2 (.500")
762-UF	3/4"	14/3 (.260") to 10/3 (.720")



#### Zinc Die Cast Watertight Service Entrance Cable Connectors

Compression type connector which provides watertight seal around service entrance cable.

Catalog Numbers	K.O. Size	Grommet Opening Size
763-4	1"	.520" x .840"
763-6	1"	.440" x .700"
763-8	1"	.406" x .688"
764-2	1 1/4"	.600" x 1.000"
764-2N	1 1/4"	.665" x 1.094"
764-3	1 1/4"	.560" x .950"
765-2	1 1/2"	.865" x 1.325"
765-3	1 1/2"	.875" x 1.375"
766-2	2"	.860" x 1.340"
766-3	2"	.870" x 1.370"
766-4	2"	.900" x 1.500"
766-4N	2"	1.100" x 1.750"



#### Mighty-Seal® Zinc Die Cast Jacketed MC and TECK Cable Connectors

Used for connecting Jacketed Cable (parking deck/lot cable) to boxes or enclosures. Patented. cULus File No. E20534

Catalog Numbers	K.O. Size	MC Cable Range	TECK Cable Range
595-DC2	1/2"	12/2 - 10/3	14/2 - 12/2
595-DCI2*	1/2"	12/2 - 10/3	14/2 - 12/2
596-DC2	1/2"	10/4 - 8/3	14/3 - 10/3
596-DCI2*	1/2"	10/4 - 8/3	14/3 - 10/3
895-DC2	1/2"	12/2 - 10/3	14/2 - 12/2
895-DCI2*	1/2"	12/2 - 10/3	14/2 - 12/2
*105°C Insulated Throa	at		



#### **Combination Couplings**

Coupling used to join either metallic or nonmetallic (Type "B") liquid tight to EMT. Concrete-tight. UL Listed "Raintight". Patented.

UL File No. E24001: 4360-DC and 4361-DC CSA File No. LR39354: 4360-DC and 4361-DC cULus File No. E24001: 4262-DC thru 4365-DC

Catalog Numbers	Trade Sizes
4360-DC thru 4365-DC	1/2" thru 2"

## MATERIAL SOLUTIONS - BRASS AND BRONZE

Brass and Bronze are metal alloys used extensively in everyday objects. While brass is an alloy of copper and zinc, bronze is an alloy consisting mainly of copper, combined most often with tin, but at times also with other metals.

Brass has a higher malleability than zinc or copper. Bronze tends to be hard and resists corrosion (especially seawater corrosion). Bronze is also a better conductor of heat and electricity than most steels.





#### **Bronze Ground Clamps**

For making connection with copper ground wire and ground pipe, grounding electrode or rebar. Listed for Direct Burial or embedment in concrete. DB-1308 is a protective type for bare or armored copper ground wire. DB-1309 is for bare ground only. cULus File No. E20412

Catalog Numbers	Ground Pipe Grounding Electrode Size	Rebar Size	Copper Ground Wire Size
DB-1308	1/2" - 1"	3/8" - 3/4"	4, 6, 8
DB-1309	1/2" - 1"	3/8" - 3/4"	4, 6, 8



#### **Bronze Grounding Rod Clamps**

For terminating bare copper conductor to ground rod. Listed for Direct Burial or embedment in concrete.

**UL File No. E20412** 

Catalog Numbers	Grounding Ground Pipe Electrode Size	Copper Ground Wire Size
GRC-50	1/2"	10 Solid to 2 Stranded
GRC-63	5/8"	10 Solid to 2 Stranded
GRC-75	3/4"	10 Solid to 2 Stranded



#### Brass Intersystem Ground Rod Bridge Clamps

Used as an intersystem bonding means by utilizing 4-terminal points for connecting communication systems to the same electrical grounding electrode/rod. Meets the requirement of NEC Article 250.94. Listed for Direct Burial. Stainless steel hardware. Patented. **UL File No. E20412** 

Catalog Numbers	Ground Rod Size	Rebar Size	Copper Conductor Size Under Ground Rod	Terminal Conductor Size
IGBC-063	1/2" to 5/8"	#3 to #4	8 to 2 Stranded 8 to 2 Solid	14 to 4 Stranded 14 to 10 Solid
IGBC-075	5/8" to 3/4"	#5 to #6	4 to 1/0 Stranded 4 to 2 Solid	14 to 4 Stranded 14 to 10 Solid





#### Mighty-Bond® Enclosure Grounding Connectors

Low cost and easy-to-use connector for securing grounding conductors at the enclosure in accordance with National Electrical Code (NEC) Article 250.8. Selection of conductor size to be made per NEC Article 250.66. Suitable for service entrance grounding. Patented.

**UL File No. E20412** 

cULus File No. E20412: MC-100

Catalog Numbers	Trade Sizes	Wire Capacity
MC-050	1/2"	Copper: 8 to 2 Solid & Stranded Aluminum: 6 to 2 Stranded
MC-075	3/4"	Copper: 4 to 2 Solid, 4 to 3/0 Stranded Aluminum: 2 to 3/0 Stranded
MC-100	1"	Copper: 1/0 to 250 MCM Stranded Aluminum: 3/0 to 4/0 Compact Stranded



#### Mighty-Bond® Brass Enclosure Grounding Couplings

Low cost and easy-to-use coupling for use with rigid conduit and for securing grounding conductors at the enclosure in accordance with National Electrical Code (NEC) Article 250.8. Selection of conductor size to be made per NEC Article 250.66. Suitable for service entrance grounding. Patented.

**UL File No. E20412** 

cULus File No. E20412: MCC-100

Catalog Numbers	Trade Sizes	AWG Wire Capacity
MCC-050	1/2"	Copper: 8 to 2 Solid & Stranded Aluminum: 6 to 2 Stranded
MCC-075	3/4"	Copper: 4 to 2 Solid, 4 to 3/0 Stranded Aluminum: 2 to 3/0 Stranded
MCC-100	1"	Copper: 1/0 to 250 MCM Stranded Aluminum: 3/0 to 4/0 Compact Stranded



#### Mighty-Bond® Brass Raintight Grounding and Bonding Hubs

Raintight Grounding and Bonding Hubs provide a listed method of bonding between ground electrode conductors (GEC), grounded conductors, bonding jumpers, and boxes, devices or enclosures. The MCH is listed for use in wet locations. When connected to rigid metal conduit, the MCH will also function as a raceway bonding hub, yoke or choke, setting the conductor set screw bonds the MCH to the raceway, the bonding or grounding conductor, and to the enclosure without the need for an external lug. Note: Not for use in concentric knock-outs. Patented.

**cETLus Listed** 

Catalog Numbers	Trade Sizes	Conductor Range	Max O.D.
MCH-075	3/4"	6 to 4/0 AL/CU	.550
MCH-100	1"	2 to 350 MCM AL/CU	.720



#### **Bronze Rebar Ground Clamps**

For making connection with copper wire to ground water pipe or rebar. All materials contain minimum of 80% copper. Listed for Direct Burial or embedment in concrete.

**UL File No. E20412** 

Catalog Numbers	Ground Pipe Size	Rebar Size	Ground Wire Size
RB-16	1/2" - 1"	3/8" - 1"	10 Solid to 2 Stranded
RB-17	1/2" - 1"	3/8" - 1"	10 Solid to 2 Stranded



#### Mighty-Bond® Single Bolt Bronze Grounding Clamps

Low profile, quick install grounding clamp designed for the grounding and bonding of electrical and plumbing systems. Stainless steel hardware. Available in three distinct styles: lay-in lug, copper lug and enclosed style. The SDB series are listed for attachment to EMT, rigid conduit raceways, and steel and copper water piping systems. Listed for Direct Burial. Patented. cULus File No. E20412

Catalog Numbers	Conduit or Water Pipe Size	Lug Type	Conductor Range
SDB-1300B	1/2" - 1"	Copper	4 to 14 AWG Copper Only
SDB-1301B	1/2" - 1"	Lay-in lug	2 to 10 AWG Copper Only
SDB-1302B	1/2" - 1"	Closed Lug	2 to 10 AWG Copper Only

## MATERIAL SOLUTIONS - NONMETALLIC

UL Listed product that is ideal for outdoor use due to its sunlight resistance as well as tolerance for salt water, weak acids, alcohol, oil, grease and many common solvents.





#### Straight Nonmetallic Liquid Tight Connectors

For use with nonmetallic "Type B" liquid tight conduit. Sunlight resistant. NPT Threads. cULus File No. E9391

Catalog Numbers	Trade Sizes
429-NMLT thru 435-NMLT	3/8" thru 2"



#### 90° Nonmetallic Liquid Tight Connectors

For use with nonmetallic "Type B" liquid tight conduit. Sunlight resistant. NPT Threads. cULus File No. E9391

Catalog Numbers	Trade Sizes
469-NMLT thru 475-NMLT	3/8" thru 2"



#### Straight Screw-On Liquid Tight Connectors

For use with nonmetallic "Type B" liquid tight conduit. Connectors simply screw onto conduit. No tools required! Sunlight resistant. NPT Threads.

UL File No. E9391

Catalog Numbers	Trade Sizes	
430-NMLTS and 431-NMLTS	1/2" and 3/4"	









#### 90° Screw-On Liquid Tight Connectors

For use with nonmetallic "Type B" liquid tight conduit. Connectors simply screw onto conduit. No tools required! Sunlight resistant. NPT Threads.

UL File No. E9391

Catalog Numbers Trade Sizes

470-NMLTS and 471-NMLTS 1/2" and 3/4"

## **APPLICATION SOLUTIONS - DIRECT BURIAL**

#### Grounding and Bonding Equipment (KDER)\*

Ground clamps and other connectors suitable for use where buried in earth or embedded in concrete are marked for such use. The marking may be abbreviated "DB" (for "Direct Burial").

\*UL White Book 2012
Guide Information for Electrical Equipment
UL Product Categories correlated to the 2008 and 2011
National Electrical Code® (NEC®)
NFPA 70®, National Electrical Code® and NEC®
are registered trademarks of the
National Fire Protection Association, Quincy, MA





#### Polyolefin-Coated Zinc Die Cast Liquid Tight Connectors

Straight connector for use with metallic and nonmetallic "Type B" liquid tight conduit. Suitable for use in Class 1, Division 2; Class II, Divisions 1 & 2; and Class III, Divisions 1 & 2 per NEC 501.30 (B). Listed for Direct Burial. **cETLus Listed** 

Catalog Numbers	Trade Sizes
431-LT2C thru 439-LT2C	3/4" thru 4"



#### Mighty-Seal® Zinc Die Cast Polyolefin-Coated Jacketed MC and TECK Cable Connectors

Used for connecting Jacketed Cable (parking deck/lot cable) to boxes or enclosures. Listed for Direct Burial. Patented.

**cETLus Listed** 

Catalog Numbers	K.O. Size	MC Cable Range	TECK Cable Range	
595-DC2C	1/2"	12/2 - 10/3	14/2 - 12/2	
596-DC2C	1/2"	10/4 - 8/3	14/3 - 10/3	
895-DC2C	1/2"	12/2 - 10/3	14/2 - 12/2	



#### **Bronze Ground Clamps**

For making connection with copper ground wire and ground pipe, grounding electrode or rebar. Listed for Direct Burial or embedment in concrete. DB-1308 is a protective type for bare or armored copper ground wire. DB-1309 is for bare ground only. **cULus File No. E20412** 

Catalog Numbers	Ground Pipe Grounding Electrode Size	Rebar Size	Copper Ground Wire Size
DB-1308	1/2" - 1"	3/8" - 3/4"	4, 6, 8
DB-1309	1/2" - 1"	3/8" - 3/4"	4, 6, 8





#### Brass Intersystem Ground Rod Bridge Clamps

Used as an intersystem bonding means by utilizing 4-terminal points for connecting communication systems to the same electrical grounding electrode/rod. Meets the requirement of NEC Article 250.94. Listed for Direct Burial. Stainless steel hardware. Patented. **UL File No. E20412** 

Catalog Numbers	Ground Rod Size	Rebar Size	Copper Conductor Size Under Ground Rod	Terminal Conductor Size
IGBC-063	1/2" to 5/8"	#3 to #4	8 to 2 Stranded	14 to 4 Stranded
IGBC-075	5/8" to 3/4"	#5 to #6	8 to 2 Solid 4 to 1/0 Stranded	14 to 10 Solid 14 to 4 Stranded
	2, 2 23 0, 1		4 to 2 Solid	14 to 10 Solid



#### **Bronze Grounding Rod Clamps**

For terminating bare copper conductor to ground rod. Listed for Direct Burial or embedment in concrete. **UL File No. E20412** 

Catalog Numbers	Grounding Ground Pipe Electrode Size	Copper Ground Wire Size
GRC-50	1/2"	10 Solid to 2 Stranded
GRC-63	5/8"	10 Solid to 2 Stranded
GRC-75	3/4"	10 Solid to 2 Stranded



#### **Bronze Rebar Ground Clamps**

For making connection with copper wire to ground water pipe or rebar. All materials contain minimum of 80% copper. Listed for Direct Burial or embedment in concrete. **UL File No. E20412** 

Catalog Numbers	Ground Pipe Size	Rebar Size	Ground Wire Size
RB-16	1/2" - 1"	3/8" - 1"	10 Solid to 2 Stranded
RB-17	1/2" - 1"	3/8" - 1"	10 Solid to 2 Stranded



#### Mighty-Bond® Single Bolt Bronze Grounding Clamps

Designed for the grounding and bonding of electrical and plumbing systems. Stainless steel hardware. Available in three distinct styles: lay-in lug, copper lug and enclosed style. The SDB series are listed for attachment to EMT, rigid conduit raceways, and steel and copper water piping systems. Listed for Direct Burial. Patent Pending. cULus File No. E20412

Catalog Numbers	Conduit or Water Pipe Size	Lug Type	Conductor Range
SDB-1300B	1/2" - 1"	Copper	4 to 14 AWG Copper Only
SDB-1301B	1/2" - 1"	Lay-in lug	2 to 10 AWG Copper Only
SDB-1302B	1/2" - 1"	Closed Lug	2 to 10 AWG Copper Only

## APPLICATION SOLUTIONS - DIRECT BURIAL continued



#### Polyolefin-Coated Zinc Die Cast Threaded Hubs

To secure threaded rigid service entrance conduit to box or enclosure. Insulated throat rated 105°C. BUNA-N sealing ring completely encircles knockout to prevent contaminants from entering enclosure. Listed for Direct Burial.

**cETLus Listed** 

Catalog Numbers	Trade Sizes	
151-DCC thru 160-DCC	1/2" thru //"	



#### Polyolefin-Coated 90° Steel and Malleable Iron Liquid Tight Connectors

90° connector for use with metallic and nonmetallic "Type B" liquid tight conduit. Listed for Direct Burial.

Consult Factory for Listings and Availability.

Catalog Numbers	Trade Sizes
469-SLTC thru 479-SLTC	3/8" thru 4"



#### Polyolefin-Coated Three-Piece Conduit Coupling

Used to join two lengths of threaded rigid and IMC conduit. Listed for Direct Burial. **cETLus Listed** 

Catalog Numbers	Trade Sizes
1121C thru 1130C	1/2" thru 4"



#### Polyolefin-Coated Steel Raintight Combination Couplings

Used to join rigid or IMC to metallic liquid tight conduit. Listed for Direct Burial. **cETLus Listed** 

Catalog Numbers	Trade Sizes
4370-LTC thru 4375-LTC	1/2" thru 2"





#### Mighty-Hold® Polyolefin-Coated Steel Universal Clamp Straps

One piece clamp back and strap secures both cable and conduit. Secures EMT, Rigid, IMC, Metallic Liquid Tight, Nonmetallic Liquid Tight, FMC, and Schedule 40 and Schedule 80 PVC conduit, as well as steel and aluminum AC/MC cable. Listed for Direct Burial. Patented.

cETLus Listed

Catalog Numbers	Trade Sizes	
UCSC-5075	1/2" - 3/4"	
UCSC-75100	3/4" - 1"	
UCSC100125	1" - 1 1/4"	
UCSC125150	1 1/4" - 1 1/2"	
UCSC150200	1 1/2" - 2"	

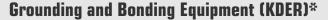


### **APPLICATION SOLUTIONS - SOLAR**

Innovative solutions from Bridgeport help you be more productive and profitable on every job.

Electrical contractors building the renewable energy infrastructure need high-quality, high-performance products to meet the demands of solar projects.

Bridgeport engineers, field technical resources and network of manufacturer representatives are ready to help you with virtually any application. Bridgeport has a complete line of products that install faster, safer, more securely and more cost effectively. So, when you're installing innovative ways to generate energy, be sure to get the innovative fittings that are up to the task. Get Bridgeport.



#### Grounding and Bonding for Photovoltaic

(PV) Systems - Grounding and bonding equipment

intended for use in PV systems are additionally investigated in combination with the PV module/panel to the applicable requirements for such products. Installation instructions provided with the PV system identify the specific grounding and bonding device that has been investigated and intended for use with that system.

**Miscellaneous Devices** – Grounding and bonding equipment not specifically mentioned above, such as bonding locknuts, gaskets, grounding wedge lugs, adapters, grounding grids and the like, are investigated under the intents of the requirements in the standard.

\*UL White Book 2012

Guide Information for Electrical Equipment

UL Product Categories correlated to the 2008 and 2011 National Electrical Code® (NEC®)

NFPA 70°, National Electrical Code° and NEC° are registered trademarks of the National Fire Protection Association, Quincy, MA



#### Zinc-Plated Steel Sealing Locknuts

Used to provide raintight seal when fastening threaded conduit to unthreaded opening in a box or enclosure. PVC Seal. **cULus File No. E9391** 

Catal	oa N	Jum	here
Catal	ogr	<b>u</b> um	ners.

**Trade Sizes** 

142 and 143

3/4" and 1"



#### Extra-Long Zinc Die Cast Raintight Compression Connectors

Compression style connector with internal sealing ring and knockout gasket to create a raintight seal when connecting EMT to box or enclosure. Extra-long NPSM threads for connecting to thicker enclosures and solar combiner boxes. Patented. **cULus File No, E24001** 

<b>^</b>			
Cata	loa I	Num	bers

**Trade Sizes** 

251-RT2XL and 252-RT2XL

3/4" and 1"





#### Zinc Die Cast Grounding Locknuts

Used to fasten threaded connectors or nipples to box or enclosure to offer an additional bonding/grounding path. Listed for use with rigid conduit, threaded hubs and conduit nipples. Insulated versions are Patented.

cETLus Listed

Catalog Numbers	Trade Sizes
162-G and 163-G	3/4" and 1"
(105°C Insulated Throat)	
162-GI and 163-GI	3/4" and 1"



#### Zinc Plated Steel Raintight Compression Connectors

Compression type connector with internal sealing ring and knockout gasket to create a raintight seal when connecting EMT to box or enclosure. cULus File No. E24001

Catalog Numbers	Trade Sizes	
251-SRT and 252-SRT	3/4" and 1"	
(105°C Insulated Throat)		
251-SRTI and 252-SRTI	3/4" and 1"	



#### Zinc Die Cast Raintight Compression Couplings

Compression style coupling used to join two lengths of EMT. Internal sealing rings create a raintight seal. Patented. **UL File No. E24001** 

Catalog Numbers	Trade Sizes
261-RT and 262-RT	3/4" and 1"



#### Zinc Plated Steel Raintight Compression Couplings

Compression style coupling used to join two lengths of EMT. Internal sealing rings create a raintight seal. Concrete-tight/Raintight. Patented. cULus File No. E24001

Catalog Numbers	Trade Sizes
261-SRT and 262-SRT	3/4" and 1"



#### Straight Zinc Die Cast Liquid Tight Connectors

Use with metallic and nonmetallic "Type B" liquid tight conduit. Suitable for use in Class 1, Division 2; Class II, Divisions 1 & 2; and Class III, Divisions 1 & 2 per NEC 501.30 (B). NPT Threads.

UL File No. E9391 CSA File No. LR39354

Catalog Numbers	Trade Sizes
431-LT2 and 432-LT2	3/4" and 1"
(105°C Insulated Throat) 431-LTI2 and 432-LTI2	3/4" and 1"

## APPLICATION SOLUTIONS - SOLAR continued



#### Straight Zinc Plated Steel Liquid Tight Connectors

Use with metallic liquid tight conduit. Suitable for use in Class 1, Division 2; Class II, Divisions 1 & 2; and Class III, Divisions 1 & 2 per NEC 501.30 (B).

UL File No. E9391 CSA File No. LR39354

Catalog Numbers	Trade Sizes
431-SLT and 432-SLT	3/4" and 1"
(105°C Insulated Throat)	
431-SLTI and 432-SLTI	3/4" and 1"



#### Mighty-Seal® Raintight Reducing Sealing Washers

Used when a concentric knockout breaks out larger than expected. Maintains NEMA 3R rating on listed enclosures. Includes one coated and one uncoated washer. Coated galvanized steel washer installs on the exterior of the box. May be used with raintight connectors and dual locknut RIGID/IMC threaded connections. Sunlight resistant. Patented.

cULus File No. E11259

Catalog Number	Trade Size
1063-RT	1" - 3/4"



#### Mighty-Seal® Raintight Offset Nipples

Bridgeport's raintight offset nipples are used to offset the axis of a raceway 3/4" between enclosure runs. Rugged zinc die cast construction ensures mechanical protection and durability. Integrated sealing washers maintain raintight seal. Completely assembled with locknuts and sealing washers. Patented.

**cETLus Listed** 

Trade Sizes
3/4" and 1"



#### Zinc Die Cast Combination Couplings

Coupling used to join either metallic or nonmetallic "Type B" liquid tight to EMT. Concrete-tight. UL Listed "Raintight". Patented.

UL File No. E24001: 4361-DC CSA File No. LR39354: 4361-DC cULus File No. E24001: 4362-DC

Catalog Numbers	irade Sizes
4361-DC and 4362-DC	3/4" and 1"



#### Zinc Plated Steel Combination Couplings

Used to join rigid or IMC to metallic liquid tight conduit. Concrete-tight. UL Listed "Raintight". cULus File No. E9391

Catalog Numbers	Trade Sizes
4371-LT and 4372-LT	3/4" and 1"







#### Aluminum Solar Panel Grounding Connector

Designed to prevent galvanic reactions and enhance conductivity. The connector simply clamps onto the frame of the solar panel. Accommodates aluminum or copper conductor. Stainless steel hardware.

**UL File No. E20412** 

Catalog Number	Wire Capacity

ALI-SLR 4 to 14



#### Mighty-Bond® Brass Intersystem Bonding Bridge

Used inside or outside of an enclosure or panel board. 3-Equipment bonding terminations. Attach to conduit or connector. Meets the requirement of NEC Article 250.94. Stainless steel hardware. Patented.

**UL File No. E20412** 

Catalog Number	Trade Size	Wire Capacity
IGB-075	3/4"	14 to 4



#### Intersystem Bonding Bridge

For installation on dwelling. Zinc die-cast with snap-on plastic cover. Four intersystem termination points.

Meets NEC Article 250.94.

**UL File No. E20412** 

Catalog Number	Grounding Electrode Size	Bonding Conductor Size
IGB-WM	#6 - #2	14 to 4

## APPLICATION SOLUTIONS - SOLAR continued



LB-43CG and LB-43CG

#### Type LB Aluminum Conduit Bodies

3/4" and 1"

Threaded bodies for rigid conduit or IMC allow access for inspection, pulling and maintenance. Complete with cover and gasket.

cULus File No. E11077 CSA File No. 702847

|--|



#### Combination Type LB Aluminum Conduit Bodies

Units are threaded for use with rigid or IMC as well as set screws for use with EMT. Complete with cover and gasket.

UL File No. E11077

UL Listed "Raintight" when used with rigid conduit.

Catalog Numbers	Trade Sizes		
LB-43CGC and LB-43CGC	3/4" and 1"		



#### Mighty-Bond® Brass Enclosure Grounding Couplings

Low cost and easy-to-use coupling for use with rigid conduit and for securing grounding conductors at the enclosure in accordance with National Electrical Code (NEC) Article 250.8. Selection of conductor size to be made per NEC Article 250.66. Suitable for service entrance grounding. Patented.

**UL File No. E20412** 

cULus File No. E20412: MCC-100

Catalog Numbers	Trade Sizes	AWG Wire Capacity
MCC-075	3/4"	Copper: 4 to 2 Solid, 4 to 3/0 Stranded
		Aluminum: 2 to 3/0 Stranded
MCC-100	1"	Copper: 1/0 to 250 MCM Stranded
		Aluminum: 3/0 to 4/0 Compact Stranded







#### Mighty-Rite® Zinc Die Cast Split Grounding Bushings

Install your bushings before or after pulling wire and making connections. Mighty-Rite's innovative hinged design adjusts and aligns easier – even in tight spots. Our adjustable lay-in lugs accept and position conductors for simple access. Mighty-Rite's unique split design and ease-of-use allows shorter facility downtime when upgrading existing power and data systems. Stainless steel hardware. Aluminum alloy lug. 150°C Captive Nylon Insulator. Patented.

cULus File No. E20412

Catalog Numbers	Grounding Lug Solid or Stranded	Trade Sizes
SGB-382CL	14 to 4	3/4"
SGB-383CL	14 to 4	1"



#### **Liquid Tight Sealing Rings**

Provides liquid tight sealing of connector to box or enclosure. Zinc plated steel reinforced sealing ring.

cULus File No. E11259

Catalog Numbers	Trade Sizes
SR-075 and SR-100	3/4" and 1"



#### Mighty-Hold® Galvanized Steel Universal Clamp Straps

One piece clamp back and strap secures both cable and conduit. Secures EMT, Rigid, IMC, Metallic Liquid Tight, Nonmetallic Liquid Tight, FMC, and Schedule 40 and Schedule 80 PVC conduit, as well as steel and aluminum AC/MC cable. Patented.

**cETLus Listed** 

Catalog Number	Trade Size
UCS-75100	3/4" - 1"



#### Mighty-Hold® Polyolefin-Coated Steel Universal Clamp Straps

One piece clamp back and strap secures both cable and conduit. Secures EMT, Rigid, IMC, Metallic Liquid Tight, Nonmetallic Liquid Tight, FMC, and Schedule 40 and Schedule 80 PVC conduit, as well as steel and aluminum AC/MC cable. Listed for Direct Burial. Patented. cETLus Listed

Catalog Number	Trade Size
UCSC-75100	3/4" - 1"



#### Mighty-Hold® Stainless Steel Universal Clamp Straps

One piece clamp back and strap secures both cable and conduit. Secures EMT, Rigid, IMC, Metallic Liquid Tight, Nonmetallic Liquid Tight, FMC, and Schedule 40 and Schedule 80 PVC conduit, as well as steel and aluminum AC/MC cable. Patented.

cULus File No. E161206

## **APPLICATION SOLUTIONS - WET LOCATIONS**

#### **NEC®** Requirements

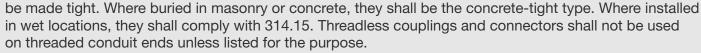
The National Electrical Code® (NEC) provides requirements and recommendations that govern this country's wiring practices and electrical installations. NEC articles and sections that detail the use of conduit and cable products in a wet location are listed below.

NFPA 70®, National Electrical Code® and NEC® are registered trademarks of the National Fire Protection Association, Quincy, MA.

#### **NEC Articles**

**358.42 Couplings and Connectors** used with EMT shall be made up tight. Where buried in masonry or concrete, they shall be concrete-tight type. They shall be listed for use in wet locations and comply with Article 314.15.

**344.42 Couplings and Connectors.** (A) Threadless couplings and connectors used with conduit shall



**314.15 Damp or Wet Locations.** In Damp or Wet Locations boxes, conduit bodies, and fittings shall be placed or equipped so as to prevent moisture from entering or accumulating within the box, conduit body, or fitting. Boxes, conduit bodies, and fittings installed in wet locations shall be listed for use in wet locations.

**330.40 Boxes and Fittings.** Fittings used for connecting Type MC cable to boxes, cabinets, or other equipment shall be listed and identified for such use.

Reprinted with permission from NFPA 70®, National Electrical Code®, Copyright © 2007, National Fire Protection Association, Quincy, MA 02169. This reprinted material is not the complete and official position of the NFPA on the referenced subject, which is represented only by the standard in its entirety.

#### **UL Requirements**

Effective March 2002, UL implemented a specification revision that caused industry standard split ring compression connectors to be incapable of passing UL testing. Bridgeport solved this issue by developing a patented EMT raintight design and became the industry's first manufacturer to meet the more stringent UL follow-up test requirements, thereby ensuring their products consistently and effectively excluded water. This allowed Bridgeport to mark their fittings "Raintight".



#### Zinc Plated Steel Sealing Locknuts

Used to provide raintight seal when fastening threaded conduit to unthreaded opening in a box or enclosure. PVC Seal cULus File No. E9391

**Catalog Numbers** 

**Trade Sizes** 

141 thru 150

1/2" thru 4"





#### Zinc Die Cast Threaded Hubs

To secure threaded rigid service entrance conduit to box or enclosure. Insulated throat rated 105°C. BUNA-N sealing ring completely encircles knockout to prevent contaminants from entering enclosure. Concrete-tight.

cULus File No. E9391: NEMA Type 4 - Water Tight CSA File No. LR39354

Catalog Numbers	Trade Sizes
151-DC thru 160-DC	1/2" thru 4"



#### Polyolefin-Coated Zinc Die Cast Threaded Hubs

To secure threaded rigid service entrance conduit to box or enclosure. Insulated throat rated 105°C. BUNA-N sealing ring completely encircles knockout to prevent contaminants from entering enclosure. Listed for Direct Burial.

Catalog Numbers	Trade Sizes
151-DCC thru 160-DCC	1/2" thru 4"

cETLus Listed



#### Mighty-Seal® Push-EMT® Zinc Die Cast Raintight Connectors

Connecting EMT conduit in wet locations has never been this fast and easy. Prepare the conduit and simply push the connector on! Concrete-tight. Patented. **cULus File No. E24001** 

Catalog Numbers	Trade Sizes
250-MSRT and 251-MSRT	1/2" and 3/4"
(105°C Insulated Throat) 250-MSRTI and 251-MSRTI	1/2" and 3/4"



## APPLICATION SOLUTIONS - WET LOCATIONS cont'd



#### Zinc Die Cast Raintight Compression Connectors

Compression style connector with internal sealing ring and knockout gasket to create a raintight seal when connecting EMT to box or enclosure. NPT Threads. 2 1/2" thru 4" Listed for both EMT and Rigid/IMC. Patented.

cULus File No. E24001

Catalog Numbers	Trade Sizes	
250-RT2 thru 259-RT2	1/2" thru 4"	
(90°C Insulated Throat)		
250-RTI2 thru 259-RTI2	1/2" thru 4"	



#### Zinc Plated Steel Raintight Compression Connectors

Compression type connector with internal sealing ring and knockout gasket to create a raintight seal when connecting EMT to box or enclosure. **cULus File No. E24001** 

Catalog Numbers	Trade Sizes	
250-SRT thru 259-SRT	1/2" thru 4"	
(105°C Insulated Throat) 250-SRTI thru 259-SRTI	1/2" thru 4"	



#### Mighty-Seal® Push-EMT® Zinc Die Cast Raintight Couplings

Coupling EMT conduit in wet locations has never been this fast and easy. Prepare the conduit and simply push the coupling on! Concrete-tight. Patented. cULus File No. E24001

Catalog Numbers	Trade Sizes
260-MSRT and 261-MSRT	1/2" and 3/4"



#### Zinc Die Cast Raintight Compression Couplings

Compression style coupling used to join two lengths of EMT. Internal sealing rings create a raintight seal. Patented. **UL File No. E24001** 

Catalog Numbers	Trade Sizes	
260-RT thru 269-RT	1/2" thru 4"	



#### Zinc Plated Steel Raintight Compression Couplings

Compression style coupling used to join two lengths of EMT. Internal sealing rings create a raintight seal. Concrete-tight/Raintight. Patented. cULus File No. E24001

Catalog Numbers	Trade Sizes
260-SRT thru 269-SRT	1/2" thru 4"





#### Mighty-Merge® Zinc Die Cast Raintight Combination Couplings

Couplings used to transition EMT to rigid for a secure raintight seal. Patented.

**cETLus Listed** 

Catalog Numbers	Trade Sizes
290-RT thru 292-RT	1/2" thru 1"



#### Straight Zinc Die Cast Liquid Tight Connectors

Use with metallic and nonmetallic "Type B" liquid tight conduit. Suitable for use in Class 1, Division 2; Class II, Divisions 1 & 2; and Class III, Divisions 1 & 2 per NEC 501.30 (B).

UL File No. E9391
CSA File No. LR39354

Catalog Numbers	Trade Sizes	
429-LT2 thru 439-LT2	3/8" thru 4"	
(105°C Insulated Throat)		
429-LTI2 thru 439-LTI2	3/8" thru 4"	



#### Straight Nonmetallic Liquid Tight Connectors

For use with nonmetallic "Type B" liquid tight conduit. Sunlight resistant. NPT Threads. cULus File No. E9391

Catalog Numbers	Trade Sizes		
429-NMLT thru 435-NMLT	3/8" thru 2"		



## APPLICATION SOLUTIONS - WET LOCATIONS cont'd



#### Straight Zinc Plated Steel and Malleable Iron Liquid Tight Connectors

For use with metallic liquid tight conduit. Suitable for use in Class 1, Division 2; Class II, Divisions 1 & 2; and Class III, Divisions 1 & 2 per NEC 501.30 (B).

Steel: 429-SLT thru 432-SLT

Malleable Iron: 433-SLT thru 441-SLT cULus File No. E9391: 436-SLT thru 439-SLT UL File No. E9391: Steel and 436-SLTI thru 439-SLTI

CSA File No. LR39354: Steel

Note: UL Listing not applicable to 5" & 6" Malleable Iron

Catalog Numbers	Trade Sizes
429-SLT thru 441-SLT	3/8" thru 6"
(105°C Insulated Throat)	
429-SLTI thru 441-SLTI	3/8" thru 6"



#### Made in the USA Straight Zinc Plated Steel and Malleable Iron Liquid Tight Connectors

For use with metallic liquid tight conduit. Zinc Electroplated. Suitable for use in Class 1, Division 2; Class II, Divisions 1 & 2; and Class III, Divisions 1 & 2 per NEC 501.30 (B). **UL File No. E9391** 

nru 4"
nru 4"







#### Straight Screw-On Liquid Tight Connectors

For use with nonmetallic "Type B" liquid tight conduit. Connectors simply screw onto conduit. No tools required! Sunlight resistant. NPT Threads. **UL File No. E9391** 

Catalog Numbers	Trade Sizes
430-NMLTS and 431-NMLTS	1/2" and 3/4"



#### Polyolefin-Coated Zinc Die Cast Liquid Tight Connectors

Straight connector for use with metallic and nonmetallic "Type B" liquid tight conduit. Suitable for use in Class 1, Division 2; Class II, Divisions 1 & 2; and Class III, Divisions 1 & 2 per NEC 501.30 (B). Listed for Direct Burial. **cETLus Listed** 

Catalog Numbers	Trade Sizes
431-LT2C thru 439-LT2C	3/4" thru 4"



#### 45° Malleable Iron Liquid Tight Connectors

For use with metallic liquid tight conduit. Suitable for use in Class 1, Division 2; Class II, Divisions 1 & 2; and Class III, Divisions 1 & 2 per NEC 501.30 (B).

UL File No. E9391
CSA File No. LR39354

Catalog Numbers	Trade Sizes	
449-SLT thru 459-SLT	3/8" thru 4"	
(105°C Insulated Throat)		
449-SLTI thru 459-SLTI	3/8" thru 4"	



#### Made in the USA 45° Malleable Iron Liquid Tight Connectors

For use with metallic liquid tight conduit. Zinc Electroplated. Suitable for use in Class 1, Division 2; Class II, Divisions 1 & 2; and Class III, Divisions 1 & 2 per NEC 501.30 (B). **UL File No. E9391** 

Catalog Numbers	Trade Sizes
449-SLTUS thru 459-SLTUS	3/8" thru 4"
(105°C Insulated Throat)	
449-SLTIUS thru 459-SLTIUS	3/8" thru 4"

## APPLICATION SOLUTIONS - WET LOCATIONS cont'd



#### 90° Zinc Die Cast Liquid Tight Connectors

Use with metallic and nonmetallic "Type B" liquid tight conduit. Suitable for use in Class 1, Division 2; Class II, Divisions 1 & 2, and Class III, Divisions 1 & 2 per NEC 501.30 (B). UL File No. E9391 CSA File No. LR39354

Catalog Numbers	Trade Sizes
469-LT2 thru 479-LT2	3/8" thru 4"
(105°C Insulated Throat)	
469-LTI2 thru 479-LTI2	3/8" thru 4"



#### 90° Nonmetallic Liquid Tight Connectors

For use with nonmetallic "Type B" liquid tight conduit. Sunlight resistant. NPT Threads. cULus File No. E9391

Catalog Numbers	Trade Sizes
469-NMLT thru 475-NMLT	3/8" thru 2"



#### 90° Steel and Malleable Iron Liquid Tight Connectors

Use with metallic "Type B" liquid tight conduit. Suitable for use in Class 1, Division 2; Class II, Divisions 1 & 2; and Class III, Divisions 1 & 2 per NEC 501.30 (B). cULus File No. E9391 CSA File No. LR39354: Steel

Catalog Numbers	Trade Sizes
469-SLT thru 479-SLT	3/8" thru 4"
(105°C Insulated Throat)	
469-SLTI thru 479-SLTI	3/8" thru 4"



#### Polyolefin-Coated 90° Zinc Die Cast Liquid Tight Connectors

90° connector for use with metallic and nonmetallic "Type B" liquid tight conduit. Listed for Direct Burial.

**cETLus Listed** 

Catalog Numbers	Trade Sizes
469-LT2C thru 479-LT2C	3/8" thru 4"



#### Made in the USA 90° Malleable Iron Liquid Tight Connectors

Use with metallic "Type B" liquid tight conduit. Zinc Electroplated. Suitable for use in Class 1, Division 2; Class II, Divisions 1 & 2; and Class III, Divisions 1 & 2 per NEC 501.30 (B). **UL File No. E9391** 

Catalog Numbers	Trade Sizes
469-SLTUS thru 479-SLTUS	3/8" thru 4"
(105°C Insulated Throat)	
469-SRTIUS thru 479-SLTIUS	3/8" thru 4"





#### 90° Screw-On Liquid Tight Connectors

For use with nonmetallic "Type B" liquid tight conduit. Connectors simply screw onto conduit. No tools required! Sunlight resistant. NPT Threads. UL File No. E9391

Catalog Numbers	Trade Sizes
470 NIMITE and 471 NIMITE	1/2" and 2/4"



#### Mighty-Seal® Zinc Die Cast Jacketed MC and TECK Cable Connectors

Used for connecting Jacketed Cable (parking deck/lot cable) to boxes or enclosures. Patented. cULus File No. E20534

Catalog Numbers	K.O. Size	MC Cable Range	TECK Cable Range
595-DC2	1/2"	12/2 - 10/3	14/2 - 12/2
595-DCI2*	1/2"	12/2 - 10/3	14/2 - 12/2
596-DC2	1/2"	10/4 - 8/3	14/3 - 10/3
596-DCI2*	1/2"	10/4 - 8/3	14/3 - 10/3
895-DC2	1/2"	12/2 - 10/3	14/2 - 12/2
895-DCI2*	1/2"	12/2 - 10/3	14/2 - 12/2
*105°C Insulated Thro	at		



## APPLICATION SOLUTIONS - WET LOCATIONS cont'd



Mighty-Seal® Zinc Die Cast Polyolefin-Coated Jacketed MC and TECK Cable Connectors

Used for connecting Jacketed Cable (parking deck/lot cable) to boxes or enclosures. Listed for Direct Burial. Patented.

**cETLus Listed** 

Catalog Numbers	K.O. Size	MC Cable Range	TECK Cable Range
595-DC2C	1/2"	12/2 - 10/3	14/2 - 12/2
596-DC2C	1/2"	10/4 - 8/3	14/3 - 10/3
895-DC2C*	1/2"	12/2 - 10/3	14/2 - 12/2
*90° Version			



#### Zinc Die Cast UF Connectors

Connector provides watertight seal around underground feeder cable. Tapered (NPT) threads.

UL File No. E11698

Catalog Numbers	Trade Sizes	Cable Size
761-UF	1/2"	14/2 (.250") to 10/2 (.500")
762-UF	3/4"	14/3 (.260") to 10/3 (.720")



#### Zinc Die Cast Watertight Service Entrance Cable Connectors

Compression type connector which provides watertight seal around service entrance cable.

Catalog Numbers	K.O. Size	Grommet Opening Size
763-4	1"	.520" x .840"
763-6	1"	.440" x .700"
763-8	1"	.406" x .688"
764-2	1 1/4"	.600" x 1.000"
764-2N	1 1/4"	.665" x 1.094"
764-3	1 1/4"	.560" x .950"
765-2	1 1/2"	.865" x 1.325"
765-3	1 1/2"	.875" x 1.375"
766-2	2"	.860" x 1.340"
766-3	2"	.870" x 1.370"
766-4	2"	.900" x 1.500"
766-4N	2"	1.100" x 1.750"





#### Mighty-Seal® Raintight Reducing Sealing Washers

Used when a concentric knockout breaks out larger than expected. Maintains NEMA 3R rating on listed enclosures. Includes one coated and one uncoated washer. Coated galvanized steel washer installs on the exterior of the box. May be used with raintight connectors and dual locknut RIGID/IMC threaded connections. Sunlight resistant. Patented.

cULus File No. E11259

Catalog Numbers	Trade Sizes
1061-RT	3/4" - 1/2"
1062-RT	1" - 1/2"
1063-RT	1" - 3/4"
1064-RT	1 1/4" - 1/2"
1065-RT	1 1/4" - 3/4"
1066-RT	1 1/4" - 1"
1071-RT	2" - 1/2"
1072-RT	2" - 3/4"
1073-RT	2" - 1"
1074-RT	2" - 1 1/4"



Mighty-Align® Malleable Iron Self-Aligning, Raintight, Three-Piece Conduit Couplings
Used to join two lengths of threaded rigid and IMC conduit. Patented.
cULus File No. E9391

Catalog Numbers	Trade Sizes
1121-RT thru 1130-RT	1/2" thru 4"



#### Mighty-Seal® Zinc Die Cast Raintight Offset Nipples

Bridgeport's raintight offset nipples are used to offset the axis of a raceway 3/4" between enclosure runs. Rugged zinc die cast construction ensures mechanical protection and durability. Integrated sealing washers maintain raintight seal. Completely assembled with locknuts and sealing washers. Patented. **cETLus Listed** 

Catalog Numbers	Trade Sizes		
1520-RT thru 1522-RT	1/2" thru 1"		

## APPLICATION SOLUTIONS - WET LOCATIONS cont'd



#### Polyolefin-Coated Three-Piece Conduit Couplings

Used to join two lengths of threaded rigid and IMC conduit. Listed for Direct Burial. **cETLus Listed** 

#### **Catalog Numbers**

#### **Trade Sizes**

1121C thru 1130C

1/2" thru 4"



#### **Combination Couplings**

Coupling used to join either metallic or nonmetallic (Type "B") liquid tight to EMT. Concrete-tight. UL Listed "Raintight". Patented.

UL File No. E24001: 4360-DC and 4361-DC CSA File No. LR39354: 4360-DC and 4361-DC cULus File No. E24001: 4262-DC thru 4365-DC

Catal	- a A	1	
		LUIAAIO	iers

#### Trade Sizes

4360-DC thru 4365-DC

1/2" thru 2"



#### Zinc Plated Steel Raintight Combination Couplings

Used to join rigid or IMC to metallic liquid tight conduit. Concrete-tight. **cULus File No. E9391** 

#### **Catalog Numbers**

#### **Trade Sizes**

4369-LT thru 4375-LT

3/8" thru 2"



#### Polyolefin-Coated Steel Raintight Combination Couplings

Used to join rigid or IMC to metallic liquid tight conduit. Listed for Direct Burial. **cETLus Listed** 

#### Catalog Numbers

#### **Trade Sizes**

4370-LTC thru 4375-LTC

1/2" thru 2"





#### **Liquid Tight Sealing Rings**

Provides liquid tight sealing of connector to box or enclosure. Zinc plated steel reinforced sealing ring.

cULus File No. E11259

Catalog Numbers	Trade Sizes
SR-050 thru SR-400	1/2" thru 4"



#### Mighty-Hold® Galvanized Steel Universal Clamp Straps

One piece clamp back and strap secures both cable and conduit. Secures EMT, Rigid, IMC, Metallic Liquid Tight, Nonmetallic Liquid Tight, FMC, and Schedule 40 and Schedule 80 PVC conduit, as well as steel and aluminum AC/MC cable. Patented. cETLus Listed

Catalog Numbers	Trade Sizes
UCS-5075	1/2" - 3/4"
UCS-75100	3/4" - 1"
UCS100125	1" - 1 1/4"
UCS125150	1 1/4" - 1 1/2"
UCS150200	1 1/2" - 2"



#### Mighty-Hold® Polyolefin-Coated Steel Universal Clamp Straps

One piece clamp back and strap secures both cable and conduit. Secures EMT, Rigid, IMC, Metallic Liquid Tight, Nonmetallic Liquid Tight, FMC, and Schedule 40 and Schedule 80 PVC conduit, as well as steel and aluminum AC/MC cable. Listed for Direct Burial. Patented. cETLus Listed

Catalog Numbers	Trade Sizes	
UCSC-5075	1/2" - 3/4"	
UCSC-75100	3/4" - 1"	
UCSC100125	1" - 1 1/4"	
UCSC125150	1 1/4" - 1 1/2"	
UCSC150200	1 1/2" - 2"	

Notes	
	· · · · · · · · · · · · · · · · · · ·

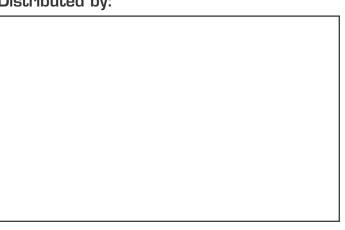


Notes
· · · · · · · · · · · · · · · · · · ·
<del>-</del>
<del> </del>

## SEE THE DIFFERENCE ORANGE MAKES™

## BRIDGEPORT TECH SALES MANAGER MARKET AREAS Canada Wayne Beach. Larry Beach, Eric Cerasale, 360-722-0004 508-728-6462 203-673-9800 larryb@bptfittings.com wayneb@bptfittings.com ericc@bptfittings.com

#### Distributed by:





Bridgeport Fittings, Inc. 705 Lordship Blvd. Stratford, CT 06615-7313

Voice: 203.377.5944

E-mail: sales@bptfittings.com



