

PR-119



ROBROY

Plasti-Bond®

A ROBROY Brand

PRODUCT CATALOG & BUYER'S GUIDE

PVC-Coated Rigid Metal Conduit, Fittings, and Accessories



Engineered as a platform of products offering a proven system of protection, Plasti-Bond is the most specified PVC-coated brand in the industry, trusted to perform in the harshest, most corrosive environments.

STATEMENT OF ACCURACY

The information published in this catalog and other literature has been compiled with great care and is sufficiently accurate for most purposes but is not guaranteed. The product information in this catalog, though current at the catalog printing, is subject to improvements and modifications. All statements, technical information, and recommendations contained herein are based on information and tests we believe to be reliable. This catalog and the products contained within is subject to change without notice. The purchaser should determine the suitability of the product for his or her application and assumes all risk and liability whatsoever in connection therewith.

Robroy products are covered by issued patents and additional patents may be pending.

Robroy Industries values and protects its intellectual property.

For more information please visit: **[PlastiBond.com/Patents](https://www.plastibond.com/Patents)**

Plasti-Bond is manufactured and distributed by Robroy Industries, USA, ISO 9001:2015-certified. Plasti-Bond complies with all standards mandated by UL 6, NEMA RN-1, ANSI C80.1, ETL PVC-001, IEC IP69/UL Type 4X, and UL 1203 Hazardous Locations among others. Specific compliances and certifications are shown on the applicable product catalog page.

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Industrial-Strength Corrosion Protection

Plasti-Bond PVC-Coated Conduit, Fittings, and Accessories

Corrosion doesn't stand a chance when you install Plasti-Bond's comprehensive line of PVC-coated rigid metal conduit and fittings to provide proven, maximum protection for electrical raceway systems in demanding and harsh environments.

Plasti-Bond's PVC-coated conduit system creates a complete corrosion barrier, with PVC on the outside and urethane on the inside.

Plasti-Bond®
A ROBROY Brand

Put Plasti-Bond PVC-Coated Conduit and Fittings to Work

The strength of Plasti-Bond's comprehensive line of products makes it the perfect solution for a broad range of industries where risk of corrosion to electrical raceways could result in costly, catastrophic damage; creating downtime, safety, legal, and environmental concerns.

INFRASTRUCTURE

- Airports
- Bridges
- Transportation

COMMERCIAL

- Campus
- Fuel Station
- Parking Lot

INDUSTRIAL

- Chemical
- Food & Beverage
- Mining
- Pharmaceutical
- Petrochemical
- Power Plants
- Pulp & Paper
- Water & Wastewater

The Degree of Difference

You can depend on Plasti-Bond to meet full compliance for your project and provide an unmatched level of safety and performance.

Plasti-Bond is ISO 9001:2015-certified manufactured and distributed by Robroy Industries, a pioneer and industry leader, originally founded in 1905. Robroy Industries has been innovating corrosion protection for over 100 years and was the first company to produce PVC-coated products in 1967.

ETL Verification

Plasti-Bond's PVC-coated, rigid galvanized metal conduit is UL 6 listed for safety and ETL PVC-001 verified, validating interior and exterior coating performance and predictability of service life longevity – at least 10X longer than other brands that do not carry the ETL-verified listing.

Testing for ETL PVC-001 is not intended to replicate a specific environment. Rather, it is designed to predict the service life of a coating under the two most common conditions that affect adhesive bonds: heat and humidity. Plasti-Bond consistently earns its ETL PVC-001 label on a quarterly basis by repeatedly and successfully passing the stringent performance tests required for verification.

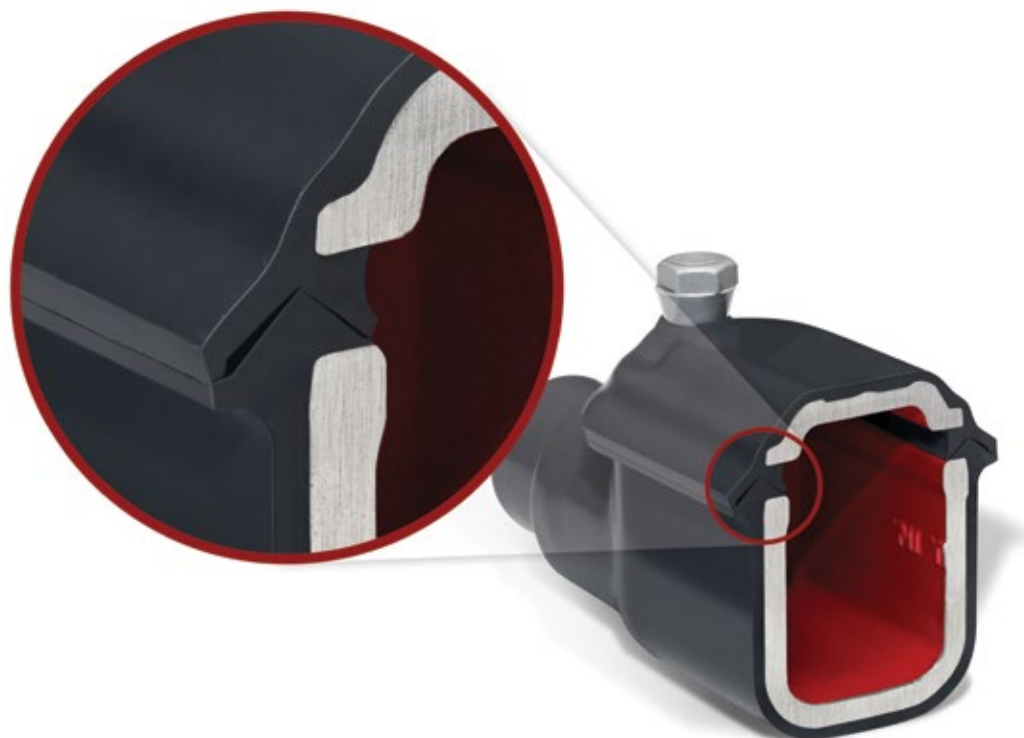
 Intertek	ETL VERIFIED PVC-001 The PVC Coating adhesion performance of this product has been ETL verified to the Intertek, High Temperature H ₂ O PVC Coating Adhesion Test procedure for 200 hours. Certification #: 3072346-004	 Intertek
 CERTIFIED SAFETY US-CA E2314  ERMCS For use with threaded fittings only. Properties of PVC investigated as primary corrosion protection. Protection of Zinc investigation as primary corrosion protection. Consult manufacturer for proper installation. Electrical rigid metal conduit with polyvinyl chloride (PVC) coating verified for PVC adhesion performance verified by UL DYJC.	 A ROBROY Brand	
GILMER, TX 75644 • (903) 843-5591		

Additionally, Plasti-Bond's PVC-coated aluminum conduit is ETL Verified NEMA RN-1 Section 3.8 per ETL PVC-001, validating exterior coating performance.

Adhesion Enhancement Process

Plasti-Bond's unique Adhesion Enhancement Process (AEP) removes oxidation, white rust, and contaminants from the conduit's outer zinc surface without harm or deterioration and readies it for maximum bonding, maintaining all industry standards and conformance.

The Degree of Difference

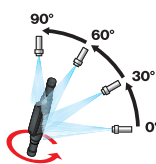


Form 8 and Mark 9 Fittings

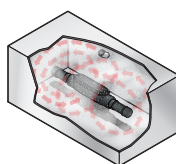
One of the key benefits of Plasti-Bond Form 8 and Mark 9 fittings is our patented V-Seal® gasket with a special interlocking groove, providing the most effective seal for PVC-Coated Form 8 (Feraloy® iron alloy and aluminum) and Mark 9 bodies. In addition, Form 8 and Mark 9 fittings carry the UL Type 4X and IEC IP69 rating (tested to DIN Standard IP69K), meeting the highest protection rating on the scale and providing defense against ingress of dust, water, and other foreign matter.

Testing for IP69 includes a set of tests to certify ingress protection against both solids and liquids. The dust test is conducted in a closed dust chamber containing 2 kg/m³ of suspended talcum powder particles of 50-µm diameter or less. The powder is circulated 8 hours at a rate sufficient to cycle the volume of powder present at least 60 times.

In order to bear an IP69 label for protection from water intrusion, the water jetting test is conducted by placing the fitting on a turntable that rotates every 12 seconds (5 rpm) and spraying 176°F (80°C) water from 4-6 inches at a flow rate of 4 gallons per minute. Water is sprayed at angles of 0, 30, 60, and 90 degrees for 30 seconds each. Products tested to the IP69k standard undergo water pressure of 1160-1450 psi throughout the testing procedure. The product provides the most complete protection against water ingress in washdown environments.



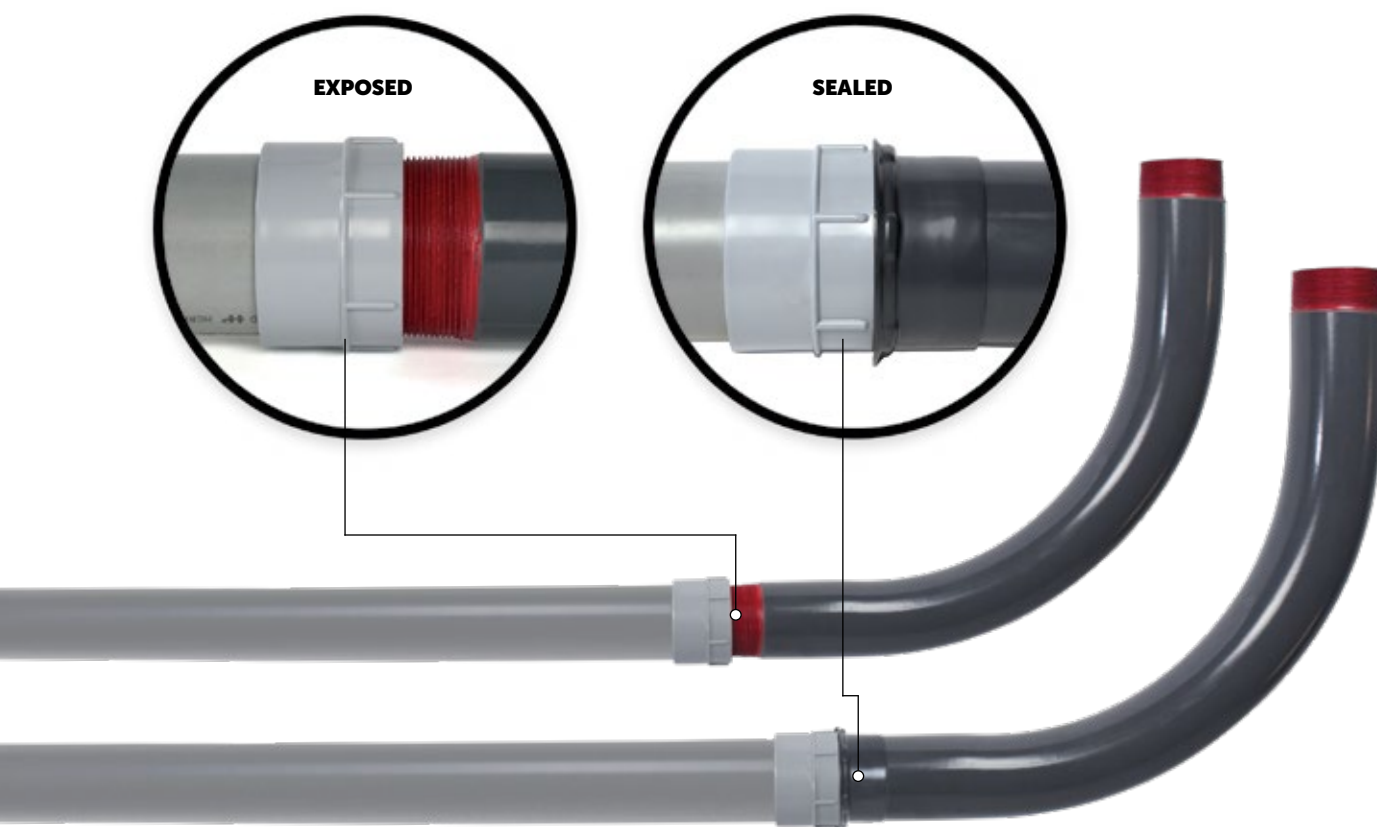
**High-pressure,
high-temperature
washdown testing.**



**Dust and foreign
matter ingress
testing.**

Sealing Locknut

Exposed conduit threads at points of connections in your electrical system are the weakest link in any conduit system and can lead to potential corrosion issues. Patented Plasti-Bond Sealing Locknuts cover exposed threads and provide protection against harsh environments. The simply designed detachable sleeve provides a consistent seal over exposed conduit threads and is easy to install and tighten. This is especially useful in transitioning from PVC to PVC-Coated GRC or items that are unable to be coated (i.e. firebox or motor).



PVC-Coated SpeedCouple

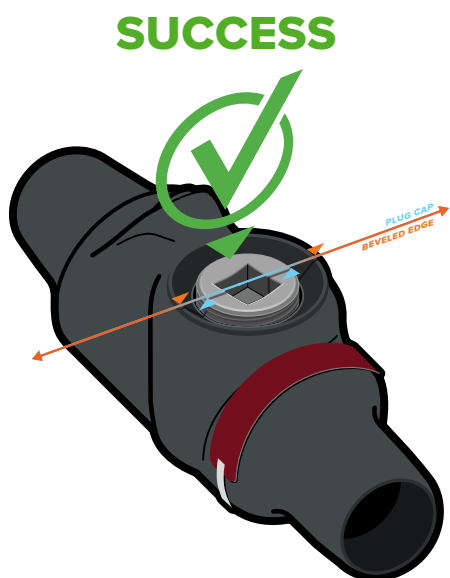
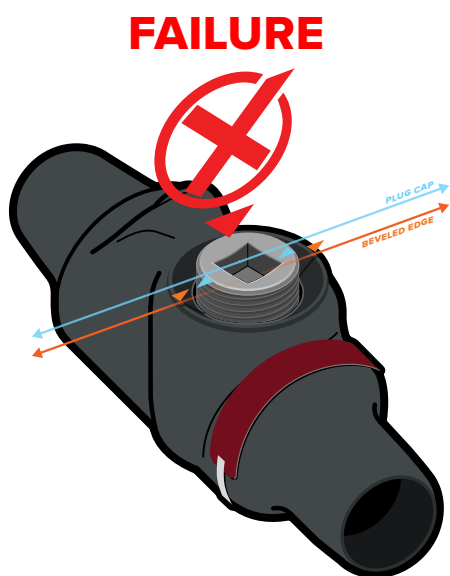
The simplified installation of Plasti-Bond's new PVC-Coated SpeedCouple is ideal for applications with limited space or where turning conduit or elbows may be difficult, saving time and money.

SpeedCouple is concrete tight and suitable for direct burial. This makes it a preferred choice for duct bank applications where groups of conduit protect and consolidate cabling. It is available in trade sizes 2" through 6".

The Degree of Difference

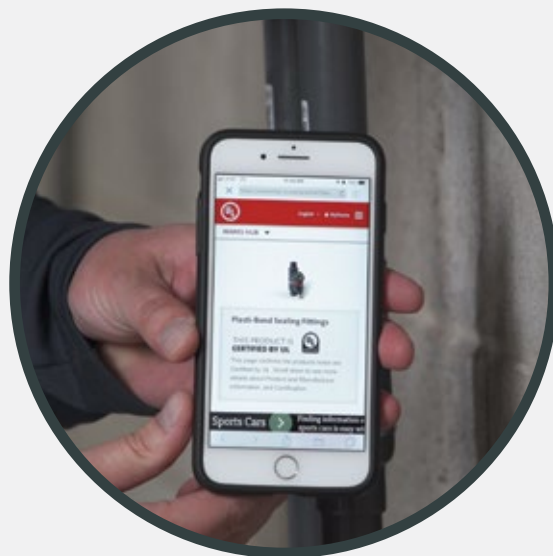
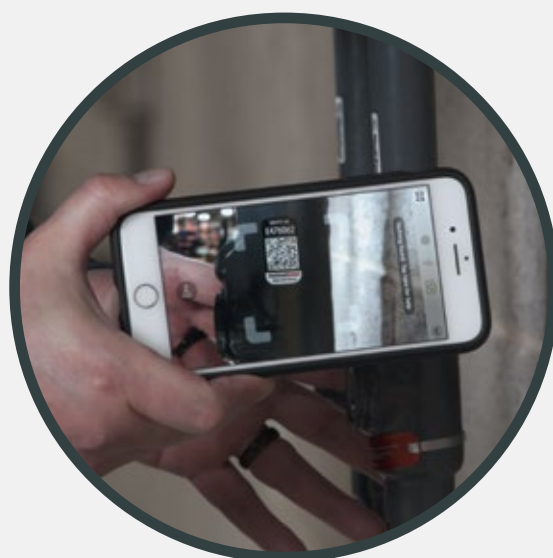
P5SA™ Plug 5 Safety Assurance

Our patented P5SA™ validation system, available on sealing fittings, provides additional assurance to installers and inspectors that Plasti-Bond urethane-coated plugs are correctly engaged the first time, every time with visual confirmation.



Enhanced and Smart UL Certification Mark and Badge System

Convenient QR codes make it easy for contractors and inspectors to scan Plasti-Bond products on site, giving you immediate access to vital information about the product and certification compliance from the UL Smart Marks hub.



UL 1203 Hazardous Location Listed Fitting

Plasti-Bond's PVC-coated hazardous (classified) location fittings (sealing fittings, conduit unions, GUA outlet boxes, and EC series flexible couplings) are UL 1203 Listed for safety, **AFTER THE COATING IS APPLIED**, providing customers with the safest and best performing corrosion-resistant solutions. PVC-coated products that are UL 1203 Listed are easily identifiable by the red metal tag attached.



Always ensure you are using UL Listed hazardous location fittings. Simply stated, if there is no UL label, that product is NOT UL Listed.

PVC-Coated Liquid Tight Fitting

PVC-Coated Liquid Tight Fittings are used to connect and terminate liquid tight flexible metallic conduit (LFMC) to a box or enclosure. The liquid tight conduit and fittings protect conductors from mechanical damage due to vibration and movement and seal out water, oils, coolants, and other contaminants. The PVC coating construction provides the highest resistance to corrosion and provides long dependable service in tough, industrial, and wet locations. Typical applications include use with process controls, motors, pumps, and processing equipment. Transition adapters for use with conduit bodies are included as standard with PVC-Coated LT Fittings in trade sizes ½" - 2" in straight, 45°, and 90° configurations.



Reducing Bushings with Sealing Sleeve

Plasti-Bond has created a new solution that saves space, installation time, and cost while still maintaining a sealed system: the PVC-Coated Reducing Bushing with Sealing Sleeves. This new, patent-pending product features an integral bushing with sealing sleeves on both ends to accommodate the change in trade sizes, allowing you to reduce down directly out of the conduit body. While in most instances the sealing sleeves of PVC-coated products should not be removed, this innovation actually requires the installer to completely remove the sealing sleeve from the female conduit hub of the conduit body. Doing so enables the PVC-Coated Reducing Bushing with Sealing Sleeves to fit snugly around the outer diameter of the conduit hub and reduces the amount of space the transition takes up. From there, the smaller trade size conduit can be installed, creating a sealed connection that reduces the risk of moisture ingress while maintaining the installation's sleek, professional look. No exposed threads, no weak links, no corrosion concern.



The Degree of Difference



PVC Coating Repair Kit

Our PVC coating repair kit is a UL-recognized, two-part epoxy formulated to bond to steel, aluminum, and PVC substrates, and has been tested for safety of flame propagation. Repairing damage to exterior PVC coating immediately improves the exterior's appearance and helps to maintain the product's integrity and corrosion resistance. Kit includes all tools necessary for a quality repair, along with other instructions and chemical information.

Hot Galvanized Threads

After machining of conduit threads to exacting tolerances, Plasti-Bond conduit threads are further enhanced utilizing a specialized hot galvanizing process that protects the threads. Plasti-Bond threads are coated with a clear polyurethane spray to provide additional corrosion protection. This process allows for zinc to be evenly applied to the threads, keeping zinc from pooling inbetween threads. In addition, threads are not over-exposed to molten zinc. This prevents threads from becoming brittle.



Did You Know?

Why do we use dark gray for the exterior of our Plasti-Bond products?

Simple, it's all about performance. Our specially formulated gray plastisol offers long-term UV resistance and prevents deterioration when exposed to elements in the environment. It also remains more flexible over time opposed to other colors that may cause premature failure of the protective coating. Color also affects the coating's flammability level and conductivity, important to static discharge.

Do you need a custom color? For options, contact Plasti-Bond at (903) 843-5591 or email us at CSR@Robroy.com.

Need help with your specification?

For assurance of the right products for safety and performance installed by trained professionals, Plasti-Bond offers a complimentary specification reviewing service.

To learn more, contact us at (903) 843-5591 or email CSR@Robroy.com.

What's the difference between Buy American and Buy America?

Buy American Act – Typically applies to purchases by the federal government being directly purchased for federal buildings or facilities (such as U.S. highways).

Buy America Act – Generally applicable to state and local government projects, typically when funded by the Federal Transit Authority (FTA).

If you have domestic requirements you need to fulfill, please let us know at the time of the quote so we can accommodate.

Do you have a requirement for a product that you do not see in our catalog?

Plasti-Bond can provide custom coating for most electrical fittings and raceway materials. To learn more, please contact us at (903) 843-5591 or email your inquiry to CSR@Robroy.com.

Resources for Safety and Success

Plasti-Bond's commitment to the safe, successful installation and use of its product line is backed by a wealth of resources, training, and support. To learn more about our convenient installation training and Corrosion College classes, see Page 14.

Safety Data Sheets

SDS sheets provide comprehensive information on hazardous chemical properties. For the latest up-to-date SDS sheets go online to PlastiBond.com/SDS.

Proper Material Handling

The best way to prevent product damage is to be knowledgeable about proper handling techniques. For a video overview on proper material handling of Plasti-Bond products, go to PlastiBond.com/MaterialHandling.

IF (Installation Form) Sheets

IF Sheets provide specific instructions for installation and inspection of products. They are crucial to ensuring proper and safe installation, especially in hazardous locations where specific standards and regulations apply.

Listings and What They Mean



NEMA RN 1 (National Electrical Manufacturers Association)

This industry best practice standard covers continuous PVC exterior coatings, corrosion resistant interior coatings, and galvanized steel conduit, along with couplings and elbows. It states conduit must follow ANSI C80.1 and UL 6. NEMA RN 1 provides properties and dimensions of coating and is intended as an aid for selecting proper coating.

It also sets guidelines for post cutting/threading protective coatings, thickness of PVC, and requirements for each ASTM testing method – hardness, tensile strength, elongation, dielectric strength, brittleness temperature, abrasion resistance, bendability, and artificial weathering. NEMA RN 1 states best practices for cleanliness of conduit, proper use of primer for adhesion, and workmanship/appearance (finish shall be free of blisters, bubbles, and pinholes). Standards also set protocol for PVC adhesion pull test (bond stronger than PVC).



ETL VERIFICATION

ETL, a division of Intertek, specializes in electrical product safety and performance testing. ETL, along with UL and CSA, are the three major laboratories operating in the U.S. that have been certified by the Occupational Safety and Health Administration (OSHA) as a Nationally Recognized Testing Laboratory (NRTL).

Carrying the ETL Verified Mark indicates to consumers that a product has met certain design and performance standards as confirmed through independent testing and periodic follow-up inspections.

ETL PVC-001 is a third party performance listing for PVC-coated galvanized rigid conduit which validates interior and exterior coating adhesion via testing parameters outlined by Intertek's High Temperature H₂O PVC-coating Test Procedures for predicting service life. This includes the hot water immersion test (200 hours at 212°F) and the heat and humidity test (90 days at 95% relative humidity at 150°F), in accordance with ASTM D870 and ASTM D2247.

ETL Verified NEMA RN-1 Section 3.8 Per ETL PVC-001 is a third-party performance listing for PVC-coated aluminum conduit which validates exterior coating adhesion.





ANSI C80.1 (American National Standards Institute)

Under the guidelines and represented by NEMA, ANSI C80.1 aims to set consistency in the manufacturing of electrical conduit. Length, circular cross sections, wall thickness, surface specs, cleaning, welding, zinc coating, threading, and identification are all covered.

The standard also sets guidelines for inspection and incorporates additional testing procedures – ductility of steel, ductility of zinc coating, thickness of coating, and quality of enamel coating of interior surfaces.



UL (Underwriters Laboratories)

UL 6 is the Standard for Safety for Electrical Rigid Metal Conduit – Steel. This includes elbows, couplings, and nipples for use as a metal raceway for installation of wires and cables and is the common ANCE, CSA, and UL standard in accordance with CSA C22.1, Canadian Electrical Code, Part 1, NOM-001-SEDE, Standard for Electrical Installations, and NFPA 70, National Electrical Code.

UL 6 references requirements for material properties, dimensions, and testing to evaluate zinc coating protection for ERM-C-S. Supplementary nonmetallic coatings undergo tests involving flame propagation, coupling fit, and electrical continuity with coupling. If PVC is listed as primary corrosion protection, it must also undergo salt-spray (fog), water, moist carbon dioxide-sulfur dioxide-air, and ultraviolet light tests, as well as cold impact, tensile strength, and adhesion tests.

Electrical conduit also covered by UL 6A includes Standard for Safety for Electrical Rigid Metal Conduit – Aluminum, Bronze, and Stainless Steel; UL 797 & 797A - Electrical Metallic Tubing; and UL 1242 - Electrical Intermediate Metal Conduit.

Additionally, fittings and hardware are covered by UL 514B, Standard for Safety for Fittings for use with Cable and Conduit, UL 514A and 514D - Metallic Outlet Boxes and Cover Plates for Flush-Mounted Wiring Devices (Aluminum including), UL 467 - Grounding and Bonding Equipment, and UL 2239 - Hardware for the Support of Conduit, Tubing, and Cable.

UL 1203 is the UL Safety Standard for Explosion-Proof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations. Some of the most common locations that require product ratings for explosion and dust-ignition protection are also those located in corrosive environments. UL 1203 evaluates both the construction and performance of enclosures and fittings for use in hazardous classified locations along with the additional criteria of protection against corrosion.

Installation Tips



Clamping

When using a yoke style pipe vise, replace the jaw assembly with special vise adapters. When using a chain vise for conduit, use half-shell clamps to clamp a 2-inch or larger diameter PVC-coated conduit. If you use a power unit that spins the conduit, equip the chuck with inserts designed for use with coated conduit.

Cutting

A roller cutter is recommended for cutting PVC-coated conduit. This will make a square cut end and remove about $\frac{1}{4}$ " of PVC coating that aids in threading the conduit. If using a band saw, make sure the cut is square before threading can occur.

Cutting away $\frac{1}{4}$ " of the exterior coating in the same manner as sharpening a pencil allows the pipe guide to ride up and over the PVC coating, facilitates coating removal, and enables cutting the thread in one operation. A reamer is used to remove any rough internal edges caused by cutting to prevent insulation damage during wire pulling.

Threading

Before threading, make a series of cuts in the PVC along the longitudinal axis of the conduit, using the thread protector attached to the end of each conduit section to gauge the length. These cuts help remove the PVC in small pieces rather than long strips that can foul the die head and cause the conduit to collapse. Before threading, machine the stationary guide to remove 0.12 inch so the pipe guide can ride up and over the PVC coating, or purchase die heads that are specifically designed for PVC-coated conduit. Always use a new die head to thread coated aluminum. Using the same die head to thread PVC-coated aluminum and coated rigid steel conduit is not recommended.

After threading, clean the threads and conduit interior with a degreasing spray to prepare for the application of the thread compound. Cleaning ensures proper adherence of compound to the unprotected metal substrate.



Hydraulic Bending

For best results, use equipment designed to bend coated conduit. Hydraulic and electric powered benders are available with shoes sized for coated conduit. When bending coated conduit, use rubbing alcohol to clean the inside of the shoe and the area of conduit you wish to bend.

Never use lubricant in the shoe or on the conduit. Lubricant allows the conduit to slip above the centerline of the shoe, resulting in flattening of the elbow.

Conventional shoes can be used to bend conduit if 0.06 inches are removed from the inside surface to accommodate the coating thickness.

Hand Bending

When using a conventional hand bender, use the next larger size bending shoe to allow space for the coating. You can make hand bends with a special coated bending hickey that reduces damage potential to the coating when making sharp bends, saddles, or offsets. Installers typically use these tools for $\frac{1}{2}$ " to $\frac{3}{4}$ " diameter conduit.

Assembly

You should use special Z-Wrenches in lieu of standard adjustable pliers to assemble PVC-coated conduit and fittings. Z-Wrenches spread the clamping force and enable the tool to grip securely without damaging the conduit coating. Strap wrenches can be used to tighten conduit or couplings without damaging the coating.

For smaller conduit sizes, Spin-It tools are available for use with air impact or standard ratchet wrenches to assemble the conduit and fittings faster than conventional methods. This method never touches the PVC coating and saves time by eliminating the need to touch up damage marks.

Special sockets are available for use with ratchets to tighten encapsulated screws on conduit fittings, hangers, and clamps.

PVC sleeves on conduit couplings and fittings help isolate corrosives from the threads at joints. Typically, the sleeves should not be cut; however, it may become necessary to remove portions of the sleeve when the fitting is close to other sleeves, such as with a short nipple. In this instance, cut away half of each sleeve and apply touch-up compound to the joints.

Training

Corrosion College

Corrosion College is a virtual short course that provides proven solutions for the prevention of industrial corrosion through classroom and actual experience. Corrosion College is accredited for 15 Professional Development Hours (PDHs) through Texas A&M, Kilgore College, American Institute of Architects, and PDH Engineer. For more information, contact Corrosion College at (903) 843-3461 or CorrosionCollege@Robroy.com.



Corrosion College



Lunch and Learns

These learning opportunities are aimed directly at educating owners, engineers, end-users, and product specifiers about labels and listings that relate to critical issues such as product performance and safety. The knowledge gained provides insight on proper material selection and results in reduction of high costs and consequences of corrosion damage. Lunch and Learns are accredited for one Professional Development Hour (PDH).

Installer Certification

Proper installation of Plasti-Bond products is essential to ensure the best possible service life for a raceway system. Plasti-Bond offers installer certification training with classroom and hands-on instruction:

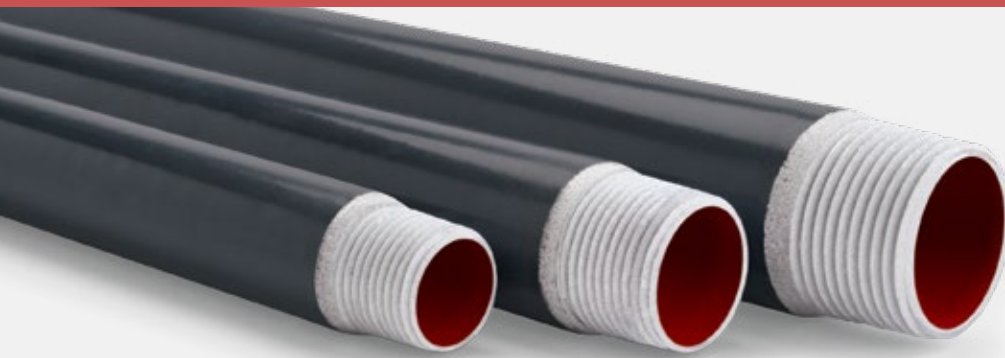
- Proper installation techniques and tools
- Clamping, cutting, threading, bending, and assembly of PVC-coated conduit
- System assembly and best practices
- Techniques and troubleshooting

Only installers who are able to present valid, unexpired credentials of having passed required instruction and examination are officially certified to install Plasti-Bond's products.

There is no charge for installer certification. To learn more about this certification program, contact Plasti-Bond at (903) 843-5591.



PVC-Coated Conduit



Description

PVC-coated galvanized rigid conduit with red urethane interior coating protects conductors from mechanical damage and corrosive attack. Electrical continuity is maintained across assembled joints.

Features

- 40 mil gray PVC exterior coating
- 2 mil red urethane interior coating
- PROTECH threads – A clear urethane coating over hot galvanized threads
- 12 trade sizes from 1/2" through 6"
- Shipped in 10' lengths with coupling. One "no-charge" coupling is included with each 10' length of conduit
- Plastic thread protector caps are color coded for quick identification of conduit size

Standards

STEEL

- ETL PVC-001
- UL 6 (E2314)
- CSA C22.2 No. 45
- ANSI C80.1

ALUMINUM

- NEMA RN-1 Section 3.8 per ETL PVC-001
- UL 6A (E98405)
- CSA C22.2 No. 45.2
- ANSI C80.5

*Both PVC and zinc coatings have been investigated as primary protection against corrosion. Restricted for use with threaded fittings only.

Product Information

Metric Size Designators	Pipe Size Inches	Catalog #	Outside Wall Thickness Inches	Diameter With Coating Inches	Internal Inside Diameter Inches	Traverse Area Sq. Inches	Nominal Weight	Aluminum Catalog #
16	1/2"	PRHCONDUIT-1/2	.104"	.920"	0.632"	0.314"	85.0	PRCONDUIT-AL-1/2
21	3/4"	PRHCONDUIT-3/4	.107"	1.130"	0.836"	0.549"	112.0	PRCONDUIT-AL-3/4
27	1"	PRHCONDUIT-1	.126"	1.395"	1.063"	0.887"	164.0	PRCONDUIT-AL-1
35	1-1/4"	PRHCONDUIT-1-1/4	.133"	1.740"	1.394"	1.526"	217.0	PRCONDUIT-AL-1-1/4
41	1-1/2"	PRHCONDUIT-1-1/2	.138"	1.980"	1.624"	2.071"	268.0	PRCONDUIT-AL-1-1/2
53	2"	PRHCONDUIT-2	.146"	2.455"	2.083"	3.408"	358.0	PRCONDUIT-AL-2
63	2-1/2"	PRHCONDUIT-2-1/2	.193"	2.955"	2.489"	4.866"	546.0	PRCONDUIT-AL-2-1/2
78	3"	PRHCONDUIT-3	.205"	3.580"	3.090"	7.499"	708.0	PRCONDUIT-AL-3
91	3-1/2"	PRHCONDUIT-3-1/2	.215"	4.080"	3.570"	10.010"	851.0	PRCONDUIT-AL-3-1/2
103	4"	PRHCONDUIT-4	.225"	4.580"	4.050"	12.882"	1009.0	PRCONDUIT-AL-4
129	5"	PRHCONDUIT-5	.245"	5.643"	5.073"	20.212"	1337.0	PRCONDUIT-AL-5
155	6"	PRHCONDUIT-6	.266"	6.705"	6.093"	29.158"	1993.0	PRCONDUIT-AL-6



Description

Plasti-Bond factory-threaded nipples save you time and money in the field. Electrical continuity is maintained across assembled joints.

*The exterior of certain short nipples are coated with urethane in lieu of PVC. This is dictated by the manufacturing process as well as assembly considerations.

Features

- 40 mil gray PVC exterior coating
- 2 mil red urethane interior coating
- 12 trade sizes from 1/2" through 6"
- 11 standard lengths available: Close, from 2" through 12"
- Made-to-order lengths available in 1/2" increments. Call for quote
- Plastic thread protector caps are color coded for quick identification of size

Does your installation require custom-length nipples? Call for a quote at (903) 843-5591 or email your request to CSR@Robroy.com.

Standards

STEEL AND ALUMINUM

- UL 6 (E2314); UL 6A (E98405)
- CSA C22.2 No. 45
- Both PVC and zinc coatings have been investigated as primary protection against corrosion. Restricted for use with threaded fittings only

Simple Steps To Ordering

To order the Plasti-Bond coated nipples, follow this simple formula to create your Plasti-Bond catalog number. Use the size exactly as shown in the chart, including the hyphen and slash symbols.

FOR STEEL CONDUIT NIPPLES:

PRHNIP

–

SIZE X LENGTH

The catalog number for a Plasti-Bond coated steel, 1-1/2" nipple with a length of 12": **PRHNIP-1-1/2X12**

FOR ALUMINUM CONDUIT NIPPLES:

PRNIP-AL

–

SIZE X LENGTH

3" nipple with a length of 4": **PRNIP-AL-3X4**

TRY IT!

Enter "PRHNIP" for Standard Nipple Prefix or "PRNIP-AL" for Aluminum Nipple Prefix

Enter Trade Size

Enter Desired Nipple Length

PRHNIP OR PRNIP-AL

–

X

This number can then be looked up in the price list to determine price and availability.

Steel Nipples

	Nipple Length							
Nipple Size	CL	1-1/2"	2"	2-1/2"	3"	3-1/2"	4"	5"
1/2"								
3/4"								
1"								
1-1/4"								
1-1/2"								
2"								
2-1/2"								
3"								
3-1/2"								
4"								
5"								
6"								

Urethane on Interior
and ExteriorUrethane on Interior and
Threads, PVC Exterior

Invalid Size

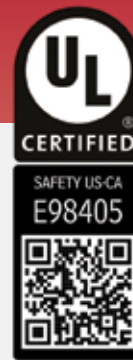
Aluminum Nipples

	Nipple Length							
Nipple Size	CL	1-1/2"	2"	2-1/2"	3"	3-1/2"	4"	5"
1/2"								
3/4"								
1"								
1-1/4"								
1-1/2"								
2"								
2-1/2"								
3"								
3-1/2"								
4"								
5"								
6"								

Urethane on Interior
and ExteriorUrethane on Interior and
Threads, PVC Exterior

Invalid Size

PVC-Coated Elbows



ALUMINUM



STEEL

Description

Plasti-Bond factory-bent standard radius elbows are available and ready to ship. Factory-bent elbows are more accurate, quicker to install, and more economical because they save field bending time and do not waste materials. Electrical continuity is maintained across assembled joints.

Features

- 40 mil gray PVC exterior coating
- 2 mil red urethane interior coating
- 12 trade sizes from 1/2" through 6"
- Available in standard sizes 90°, 60°, 45°, 30°, and 22½° bends
- Plastic thread protector caps are color coded for quick identification of conduit size

Standards

STEEL AND ALUMINUM

- UL 6 (E2314); UL 6A (E98405)
- CSA C22.2 No. 45
- Both PVC and zinc coatings have been investigated as primary protection against corrosion. Restricted for use with threaded fittings only

Simple Steps To Ordering

To order the Plasti-Bond coated elbows, follow this simple formula to create your Plasti-Bond catalog number. Use the size exactly as shown in the chart, including the hyphen and slash symbols.

FOR STEEL CONDUIT ELBOWS:

PRHELB – **SIZE** X **BEND** X **RADIUS**

The catalog number for a Plasti-Bond coated steel 31/2" elbow with a 90° bend: **PRHELB-3-1/2X90**

For a 4" coated steel large radius elbow with a 45° bend and a 30" special radius: **PRHELB-4X45X30**

FOR ALUMINUM CONDUIT ELBOWS:

PRELB-AL – **SIZE** X **BEND** X **RADIUS**

The catalog number for a Plasti-Bond aluminum 31/2" elbow with a 90° bend: **PRELB-AL-3-1/2X90**

For a 4" aluminum large radius elbow with a 45° bend and a 30" special radius: **PRELB-AL-4X45X30**

TRY IT!

Enter "PRHELB" for Standard Elbow Prefix or "PRELB-AL" for Aluminum Elbow Prefix

Enter Trade Size

Enter the Degree of Bend

For Large Radius Elbows Enter Radius

PRHELB OR PRELB-AL

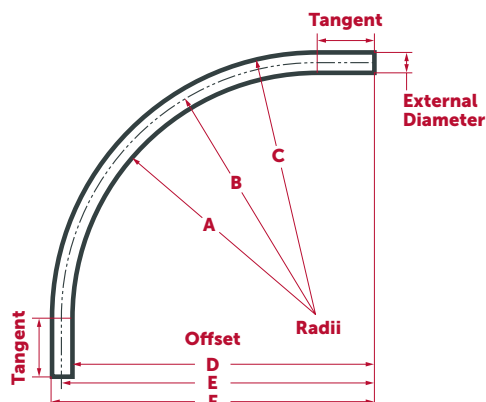
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X

X

This number can then be looked up in the price list to determine price and availability.

A = Radius at inside of bend
B = Radius at center line of bend
C = Radius at outside of bend
D = Offset at inside of bend
E = Offset at center of bend
F = Offset at outside of bend



Standard Radius Elbows

Metric Size Designators	Nominal Size Inches	Diameters		Nipple Length Inches	Radii			Offset			Tangent Inches
		External Inches	Internal Inches		A Inches	(Standard) B Inches	C Inches	D Inches	E Inches	F Inches	
16	1/2"	0.920"	0.632"	11-1/4"	3.79"	4.25"	4.71"	6.040"	6.500"	6.010"	2.250"
21	3/4"	1.130"	0.836"	12-1/2"	3.94"	4.50"	5.07"	6.685"	7.250"	6.364"	2.750"
27	1"	1.395"	1.063"	14-3/4"	5.05"	5.75"	6.45"	7.928"	8.625"	8.132"	2.875"
35	1-1/4"	1.740"	1.394"	17-3/4"	6.38"	7.25"	8.12"	9.567"	10.437"	10.253"	3.187"
41	1-1/2"	1.980"	1.624"	19-3/4"	7.26"	8.25"	9.24"	10.635"	11.625"	11.667"	3.375"
53	2"	2.455"	2.083"	22-1/2"	8.27"	9.50"	10.73"	12.086"	13.313"	13.435"	3.813"
63	2-1/2"	2.955"	2.489"	28"	9.02"	10.50"	11.98"	14.776"	16.253"	14.849"	5.753"
78	3"	3.580"	3.080"	32"	11.21"	13.00"	14.79"	17.000"	18.790"	18.385"	5.790"
91	3-1/2"	4.080"	3.570"	39-1/2"	12.96"	15.00"	17.04"	20.920"	22.960"	21.213"	7.960"
103	4"	4.580"	4.050"	39-1/2"	13.71"	16.00"	18.29"	20.890"	23.180"	22.627"	7.180"
129	5"	5.643"	5.073"	59-1/2"	21.18"	24.00"	26.82"	32.079"	34.900"	33.941"	10.900"
155	6"	6.705"	6.093"	76"	26.65"	30.00"	33.35"	41.088"	44.440"	42.426"	14.440"

Special Radius Elbows

B Radius in Inches	12"	15"	18"	18"	24"	24"	30"	30"	36"	36"	36"	42"	42"	48"	48"	48"	60"
E Offset	1'-5-1/2"	1'-9-1/4"	2'-1/4"	2'-3"	2'-8"	2'-10"	3'-4"	3'-5"	3'-11"	3'-11-1/4"	4'-3-1/4"	4'-5"	4'-6"	5'-1/4"	5'-1-1/4"	5'-3-1/4"	7'-1"
Nipple Length	2'-6"	3'-0"	3'-5"	3'-10"	4'-6"	4'-9"	5'-6"	5'-9"	6'-7"	6'-7"	7'-3"	7'-4"	7'-6"	8'-4"	8'-6"	8'-10"	7'-10"
Tangent	5'-1/2"	6'-1/4"	6'-1/4"	9"	8"	10"	10"	11"	11"	11-1/4"	15-1/4"	11"	12"	12-1/4"	13-1/4"	15-1/4"	15"
Available Pipe Sizes	1" & 2"	2"	1"	1-1/2" to 3"	3/4" to 2"	2-1/2" to 5"	2" to 3"	4" to 5"	3/4" to 4"	5"	6"	4"	5"	1-1/2" to 4"	5"	6"	6" & up

Plasti-Bond factory-bent elbows are also available in larger than standard radii to accommodate your special needs. Simply follow the four steps for standard radius elbows on the previous page, then continue with Steps 5 and 6 for large radius elbows. Refer to the table below to determine which radius is available for the size of conduit you need.

To use the Long or Special Radius Elbow table, find the elbow radius required in the first row. Then look down the column to determine which conduit sizes are available in that radius. Use this information in Steps 5 and 6 on the previous page to build a catalog number.

PVC-Coated Couplings



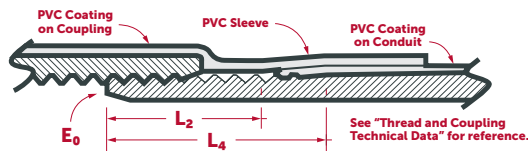
ALUMINUM



STEEL

Description

PVC-Coated Couplings with red urethane interior connect conduit sections. Electrical continuity is maintained across assembled joints. PVC sleeves overlap conduit, preventing corrosive liquids and vapors from attacking threaded joints.



All female pipe openings are provided with a PVC sleeve sized to fit tightly over the PVC-coated conduit when assembled. This prevents corrosion from attacking threaded joints, and are not to be removed.

Features

- 40 mil gray PVC exterior coating
- 2 mil red urethane interior coating over galvanized threads
- 12 trade sizes from 1/2" through 6"
- Sealing sleeves on both ends
- Molded external ribs on 1/2" through 4" for ease of installation
- Couplings are straight tapped

Standards

STEEL AND ALUMINUM

- UL 6 (E2314); UL 6A (E98405)
- CSA C22.2 No. 45

Product Information

Coupling						Threads			
Metric Size Designators	Pipe Size Inches	Steel Catalog #	Nominal Weight Per 100 (Pounds)	Outside Diameter With Ribs Inches	Threads Per Inch	Effective Length L ₂	Total Length of Threads to Vanish Point L ₄	Pitch at End of Thread 3/4 in. Taper E ₀	Aluminum Catalog #
16	1/2"	PRCPLG-1/2	19	1.344"	14	.5337"	.7815"	.7584"	PRCPLG-AL-1/2
21	3/4"	PRCPLG-3/4	32	1.531"	14	.5457"	.7935"	.9677"	PRCPLG-AL-3/4
27	1"	PRCPLG-1	40	1.781"	11-1/2	.6828"	.9845"	1.2136"	PRCPLG-AL-1
35	1-1/4"	PRCPLG-1-1/4	50	2.156"	11-1/2	.7068"	1.0085"	1.5571"	PRCPLG-AL-1-1/4
41	1-1/2"	PRCPLG-1-1/2	69	2.469"	11-1/2	.7235"	1.0252"	1.7961"	PRCPLG-AL-1-1/2
53	2"	PRCPLG-2	93	2.969"	11-1/2	.7565"	1.0582"	2.2690"	PRCPLG-AL-2
63	2-1/2"	PRCPLG-2-1/2	123	3.594"	8	1.1375"	1.5712"	2.7195"	PRCPLG-AL-2-1/2
78	3"	PRCPLG-3	217	4.250"	8	1.2000"	1.6337"	3.3406"	PRCPLG-AL-3
91	3-1/2"	PRCPLG-3-1/2	422	4.875"	8	1.2500"	1.6837"	3.8375"	PRCPLG-AL-3-1/2
103	4"	PRCPLG-4	391	5.250"	8	1.3000"	1.7337"	4.3344"	PRCPLG-AL-4
129	5"	PRCPLG-5	550	6.080"	8	1.4063"	1.8400"	5.3907"	PRCPLG-AL-5
155	6"	PRCPLG-6	884	7.280"	8	1.5125"	1.9462"	6.4461"	PRCPLG-AL-6

PVC-Coated SpeedCouple



Features

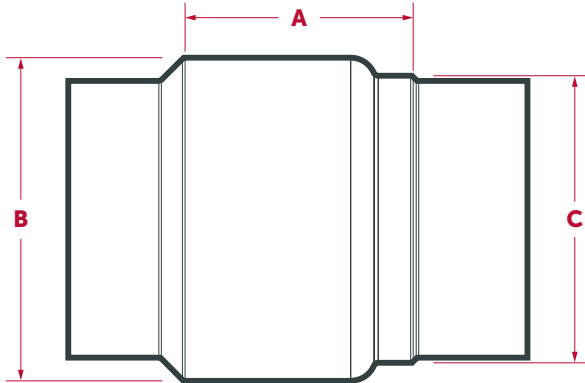
- Trade sizes 2" through 6"
- 40 mil gray PVC exterior coating, urethane interior coating
- Sealing Sleeves on both ends
- Stainless Steel Locking Screw
- Lead-in threads facilitate threading & ground continuity
- Concrete tight
- Suitable for direct burial
- NPT Threads

Description

PVC-Coated SpeedCouple is used to quickly and easily install PVC-coated rigid conduit and elbows. Rated for direct burial and ideal for tight space applications, PVC-Coated SpeedCouple allows you to complete connections without having to turn the conduit or elbows.

Standards

- UL 514B (E200413)
- CSA C22.2 No. 18.3-12



Dimensions

Coupling Size	A	B	C
2"	2.459	2.955	2.64
2-1/2"	3.425	3.58	3.131
3"	3.545	4.19	3.748
3-1/2"	3.665	4.83	4.25
4"	3.761	5.33	4.755
5"	4.065	6.355	5.86
6"	4.065	7.463	6.91

Ordering Information

Catalog Number	Description	Weight Per 100 (Lbs)	Standard Pack Quantity	UPC	Avail. Code
PRSCPLG-2	2" PVC-Coated SpeedCouple	88	30	784011923090	1
PRSCPLG-2-1/2	2-1/2" PVC-Coated SpeedCouple	176	9	784011923106	1
PRSCPLG-3	3" PVC-Coated SpeedCouple	198	8	784011923113	1
PRSCPLG-3-1/2	3-1/2" PVC-Coated SpeedCouple	265	8	784011923120	1
PRSCPLG-4	4" PVC-Coated SpeedCouple	309	8	784011923137	1
PRSCPLG-5	5" PVC-Coated SpeedCouple	397	4	784011923144	1
PRSCPLG-6	6" PVC-Coated SpeedCouple	525	2	784011923151	1

PVC-Coated Sealing Locknut

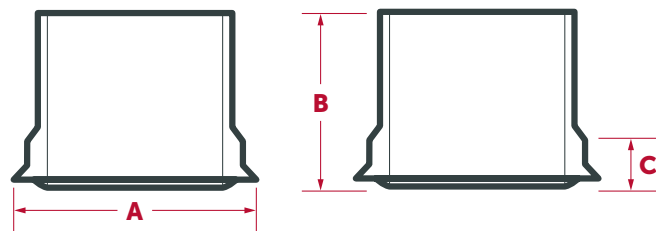


Description

The patented PVC-Coated Sealing Locknut properly protects exposed conduit threads at the point of connection, giving you a superior sealed system. Ideal for transitions where product is unable to be coated (for example, when transitioning from coated galvanized rigid conduit to Schedule 40 PVC).

Features

- 40 mil gray PVC exterior coating
- Trade sizes from 1/2" through 6"
- Built-in gasket at face of locknut
- Integral sleeve on reverse side of locknut



Product Information						
Metric Size Designators	Pipe Size (Inches)	Catalog #	A	B	C	Nominal Weight
16	1/2"	PBSIB101	1.375	1.250	0.250	0.03
21	3/4"	PBSIB102	1.625	1.250	0.250	0.04
27	1"	PBSIB103	1.940	1.250	0.250	0.06
35	1-1/4"	PBSIB104	2.375	1.250	0.250	0.08
41	1-1/2"	PBSIB105	2.625	1.563	0.313	0.11
53	2"	PBSIB106	3.125	1.563	0.313	0.14
63	2-1/2"	PBSIB107	3.750	1.813	0.313	0.18
78	3"	PBSIB108	4.500	1.875	0.375	0.22
91	3-1/2"	PBSIB109	5.000	2.250	0.375	0.30
103	4"	PBSIB110	5.500	2.250	0.375	0.38
129	5"	PBSIB111	6.000	2.375	0.500	0.54
155	6"	PBSIB112	6.500	2.375	0.500	0.70

Cast Device Boxes



Description

Plasti-Bond Device Boxes and Covers are available in several configurations and may be used in coated conduit systems to accommodate wiring devices, to serve as pull boxes for conductors, or to allow for splices and taps in conductors. Covers are available separately. Electrical continuity of the conduit system is maintained across assembled joints.

Features

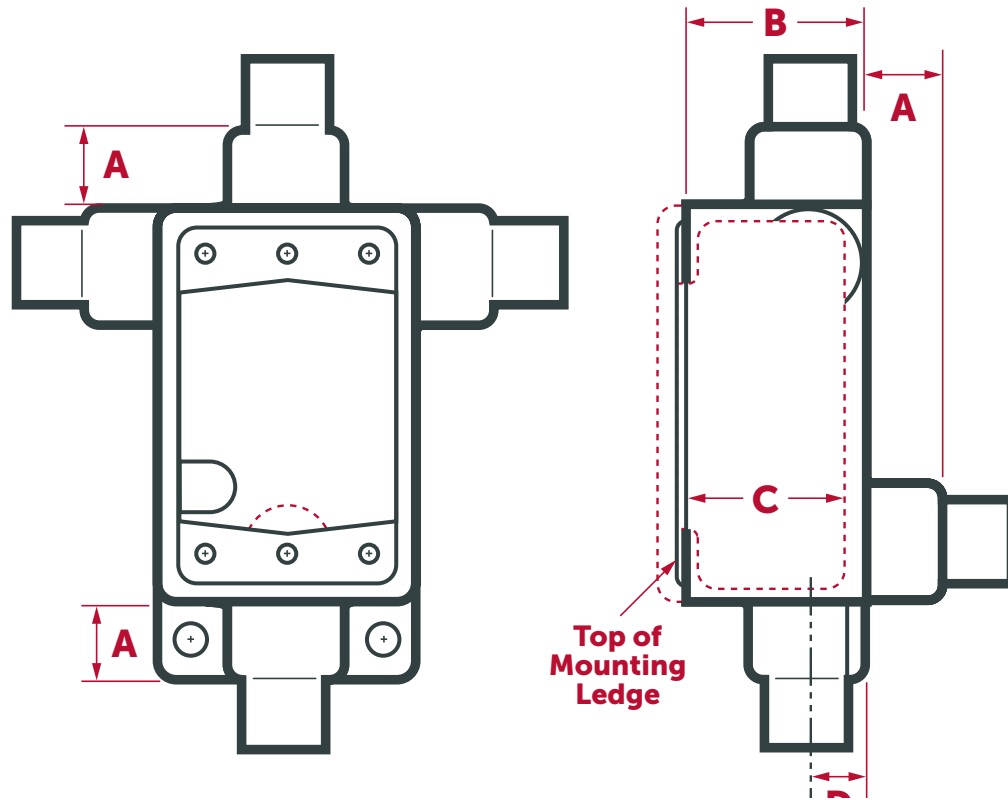
- 40 mil gray PVC exterior coating
- 2 mil red urethane interior coating
- 3 trade sizes from ½" through 1"
- Available in Standard (FS) and Deep (FD) styles
- Internal grounding screw is standard
- Sealing sleeves on all female conduit openings

Standards

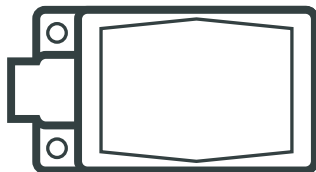
STEEL AND ALUMINUM

- UL 514A, 514D (E231035)
- CSA C22.2 No. 18, CSA C22.2 No. 42

Cast Device Boxes - Single Gang

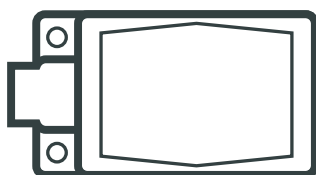


All configurations offered in both 'FS' or 'FD' box depths. FS prefix: Shallow configuration, FD prefix: Deep configuration. *Available in copper-free aluminum.



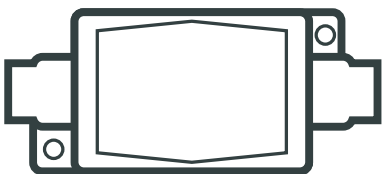
FS Series (Shallow Box - Single Gang Dead End)

Pipe Size	Ferrous Catalog #	Nominal Weight	A	B	C	D	Aluminum Catalog #
1/2"	PRFS1	3.2	0.88	1.92	1.69	0.67	PRFS1SA*
3/4"	PRFS2	3.3	0.88	1.92	1.69	0.79	PRFS2SA*
1"	PRFS3	3.5	1.00	1.92	1.69	0.92	PRFS3SA*

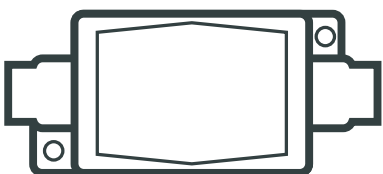


FD Series (Deep Box - Single Gang Dead End)

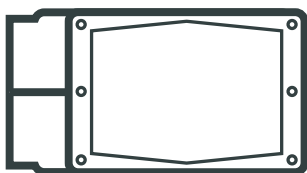
Pipe Size	Ferrous Catalog #	Nominal Weight	A	B	C	D	Aluminum Catalog #
1/2"	PRFD1	2.7	0.88	2.69	2.50	0.67	PRFD1SA*
3/4"	PRFD2	2.8	0.88	2.69	2.50	0.79	PRFD2SA*
1"	PRFD3	3.1	1.00	2.69	2.50	0.92	PRFD3SA*


FSC Series (Shallow Box - Single Gang Through Feed)

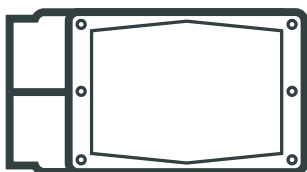
Pipe Size	Ferrous Catalog #	Nominal Weight	A	B	C	D	Aluminum Catalog #
1/2"	PRFSC1	2.2	0.88	1.92	1.69	0.67	PRFSC1SA*
3/4"	PRFSC2	2.4	0.88	1.92	1.69	0.79	PRFSC2SA*
1"	PRFSC3	2.7	1.00	1.92	1.69	0.92	PRFSC3SA*


FDC Series (Deep Box - Single Gang Through Feed)

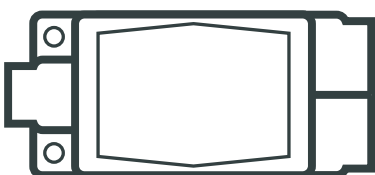
Pipe Size	Ferrous Catalog #	Nominal Weight	A	B	C	D	Aluminum Catalog #
1/2"	PRFDC1	2.7	0.88	2.69	2.50	0.67	PRFDC1SA*
3/4"	PRFDC2	2.8	0.88	2.69	2.50	0.79	PRFDC2SA*
1"	PRFDC3	3.1	1.00	2.69	2.50	0.92	PRFDC3SA*


FSS Series

Pipe Size	Ferrous Catalog #	Nominal Weight	A	B	C	D	Aluminum Catalog #
1/2"	PRFSS1	3.2	0.88	1.92	1.69	0.67	PRFSS1SA*
3/4"	PRFSS2	3.3	0.88	1.92	1.69	0.79	PRFSS2SA*
1"	PRFSS3	3.5	1.00	1.92	1.69	0.92	-

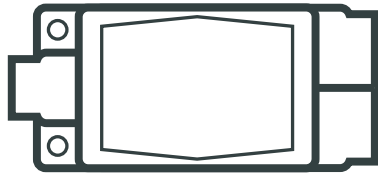

FDD Series

Pipe Size	Ferrous Catalog #	Nominal Weight	A	B	C	D	Aluminum Catalog #
1/2"	PRFDD1	2.7	0.88	2.69	2.50	0.67	-
3/4"	PRFDD2	2.8	0.88	2.69	2.50	0.79	PRFDD2SA*
1"	PRFDD3	3.1	1.00	2.69	2.50	0.92	-


FSCC Series

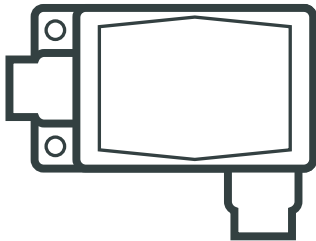
Pipe Size	Ferrous Catalog #	Nominal Weight	A	B	C	D
1/2"	PRFSCC1	2.0	0.88	1.92	1.69	0.67
3/4"	PRFSCC2	2.2	0.88	1.92	1.69	0.79

Cast Device Boxes - Single Gang



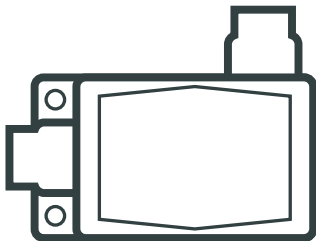
FDCC Series

Pipe Size	Ferrous Catalog #	Nominal Weight	A	B	C	D
1/2"	PRFDCC1	2.7	0.88	2.69	2.50	0.67
3/4"	PRFDCC2	2.8	0.88	2.69	2.50	0.79



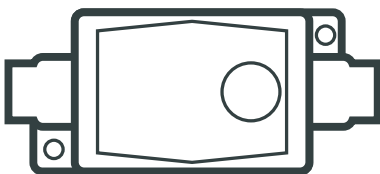
FDL Series

Pipe Size	Ferrous Catalog #	Nominal Weight	A	B	C	D
1/2"	PRFDL1	3.1	0.88	2.69	2.50	0.67
3/4"	PRFDL2	3.3	0.88	2.69	2.50	0.79



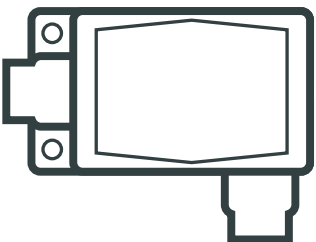
FDR Series

Pipe Size	Ferrous Catalog #	Nominal Weight	A	B	C	D
1/2"	PRFDR1	3.2	0.88	2.69	2.50	0.67
3/4"	PRFDR2	3.3	0.88	2.69	2.50	0.79



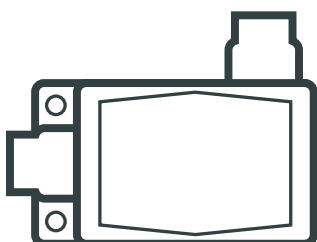
FSCA Series

Pipe Size	Ferrous Catalog #	Nominal Weight	A	B	C	D
1/2"	PRFSCA1	2.5	0.88	1.92	1.69	0.67
3/4"	PRFSCA2	3.5	0.88	1.92	1.69	0.79



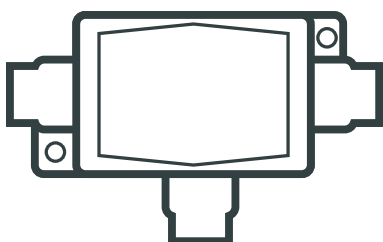
FSL Series

Pipe Size	Ferrous Catalog #	Nominal Weight	A	B	C	D
1/2"	PRFSL1	2.5	0.88	1.92	1.69	0.67
3/4"	PRFSL2	2.7	0.88	1.92	1.69	0.79



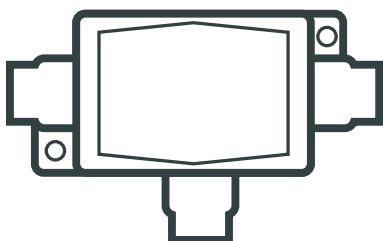
FSR Series

Pipe Size	Ferrous Catalog #	Nominal Weight	A	B	C	D
1/2"	PRFSR1	2.0	0.88	1.92	1.69	0.67
3/4"	PRFSR2	2.2	0.88	1.92	1.69	0.79



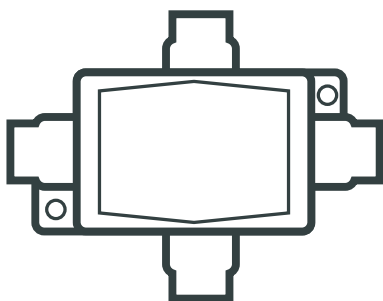
FDCT Series

Pipe Size	Ferrous Catalog #	Nominal Weight	A	B	C	D
1/2"	PRFDCT1	3.1	0.88	2.69	2.50	0.67
3/4"	PRFDCT2	3.4	0.88	2.69	2.50	0.79
1"	PRFDCT3	3.9	1.00	2.69	2.50	0.92



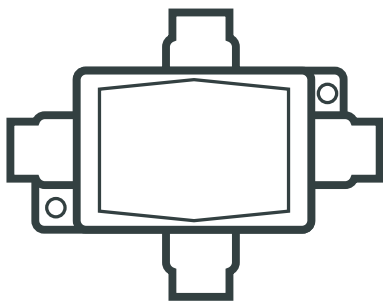
FSCT Series

Pipe Size	Ferrous Catalog #	Nominal Weight	A	B	C	D
1/2"	PRFSCT1	2.2	0.88	1.92	1.69	0.67
3/4"	PRFSCT2	2.5	0.88	1.92	1.69	0.79
1"	PRFSCT3	2.8	1.00	1.92	1.69	0.92



FSX Series

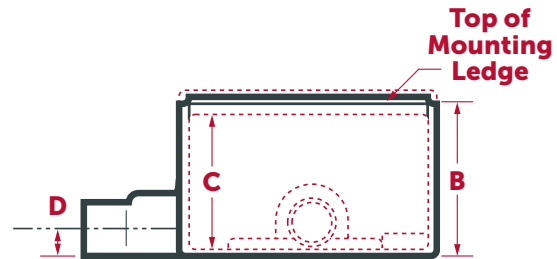
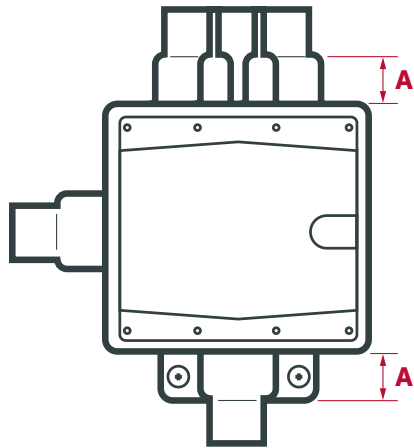
Pipe Size	Ferrous Catalog #	Nominal Weight	A	B	C	D
1/2"	PRFSX1	2.5	0.88	1.92	1.69	0.67
3/4"	PRFSX2	2.7	0.88	1.92	1.69	0.79



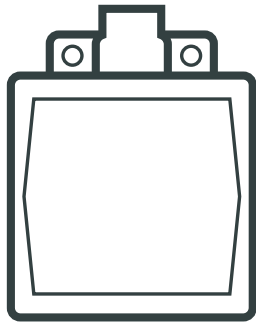
FDX Series

Pipe Size	Ferrous Catalog #	Nominal Weight	A	B	C	D
1/2"	PRFDX1	2.5	0.88	2.69	2.50	0.67
3/4"	PRFDX2	2.7	0.88	2.69	2.50	0.79
1"	PRFDX3	2.5	1.00	2.69	2.50	0.92

Cast Device Boxes - Two Gang



All configurations offered in both 'FS' or 'FD' box depths. FS prefix: Shallow configuration, FD prefix: Deep configuration. *Available in copper-free aluminum.

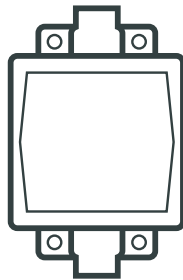


FS Series (Shallow Box - Two Gang Dead End)

Pipe Size	Ferrous Catalog #	Nominal Weight	A	B	C	D	Aluminum Catalog #
1/2"	PRFS12	3.3	0.88	1.92	1.69	0.67	PRFS12SA*
3/4"	PRFS22	3.4	0.88	1.92	1.69	0.79	PRFS22SA*
1"	PRFS32	3.6	1.00	1.92	1.69	0.92	-

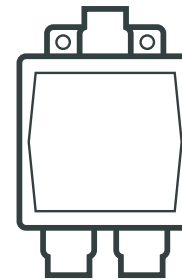
FD Series (Deep Box - Two Gang)

Pipe Size	Ferrous Catalog #	Nominal Weight	A	B	C	D	Aluminum Catalog #
1/2"	PRFD12	3.3	0.88	2.69	2.50	0.67	-
3/4"	PRFD22	3.3	0.88	2.69	2.50	0.79	PRFD22SA*
1"	PRFD32	3.6	1.00	2.69	2.50	0.92	-



FSC Series (Shallow Box - Two Gang Through Feed)

Pipe Size	Ferrous Catalog #	Nominal Weight	A	B	C	D	Aluminum Catalog #
1/2"	PRFSC12	3.3	0.88	1.92	1.69	0.67	-
3/4"	PRFSC222	3.6	0.88	1.92	1.69	0.79	PRFSC222SA*
1"	PRFSC32	4.0	1.00	1.92	1.69	0.92	-

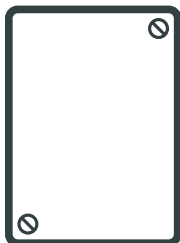


FSD Series (Deep Box - Two Gang Through Feed)

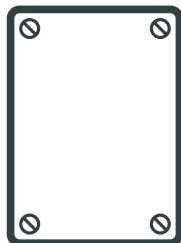
Pipe Size	Ferrous Catalog #	Nominal Weight	A	B	C	D
3/4"	PRFSD212	2.5	0.88	2.69	1.69	0.79

Cast Device Box Covers

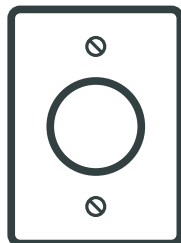
FS/FD SINGLE GANG COVER CONFIGURATIONS



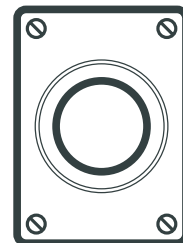
PBDS100



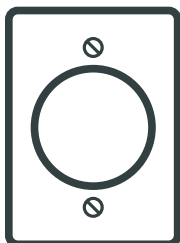
PBDS100G



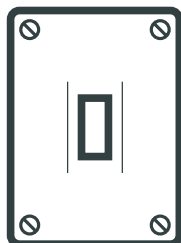
PBDS21



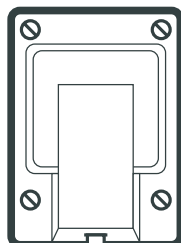
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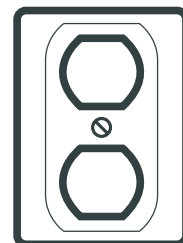
PBDS35



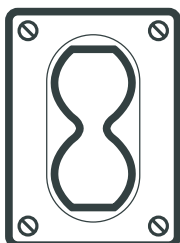
PBDS32G



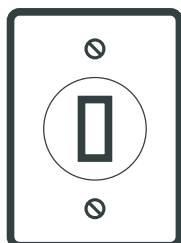
PBDS128



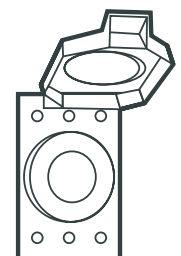
PBDS23



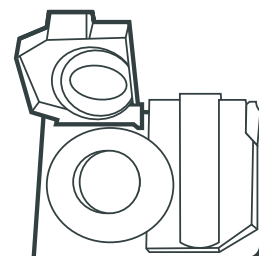
PBDS23G



PBDS32



PBWLR1



PBWLRD1

Ferrous Covers (One Gang)

Catalog #	Description	Nominal Weight
PBDS32	General Use Snap On Or Toggle (S)	0.4
PBDS23G	Duplex Convenience Receptacle (S,F)	0.4
PBDS35	Plug Receptacle 1-5/8" Diameter (S)	0.4
PBDS21	3P 2W Grounding Round Flush Receptacles (S)	0.3
PBDS21G	3P 2W Grounding Round Flush Receptacles (S,F)	0.3
PBDS23	Duplex Convenience Receptacle (S)	0.3
PBDS32G	Square Handle Snap Or Toggle (S,F)	0.4

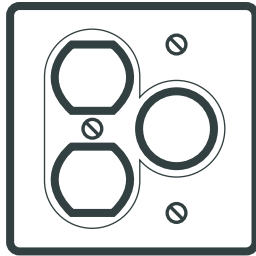
S - Surface
F - Flush

Aluminum Covers (One Gang)

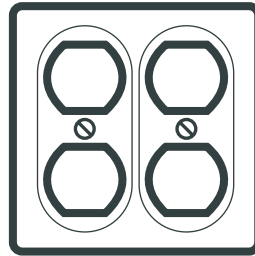
Catalog #	Description	Nominal Weight
PBDS23SA	Duplex Convenience Receptacle (S)	0.1
PBDS100	Blank Cover (S)	0.3
PBDS128	Snap Switch	1.3
PBDS100G	Blank Cover Cast (S,F)	1.5
PBWLRD1	Spring Door Duplex Cover 1-3/8" (F)	0.4
PBWLR1	Spring Door Single Cover 1-3/8" (F)	0.3
PBWLR2	Spring Door Single Cover 1-1/2" (F)	0.3
PRWLGF-FS	Spring Door Cover For GFCI (S) - Horizontal	0.9
PRWLGF-FSV	Spring Door Cover For GFCI (S) - Vertical	0.9
PRWLGF	Spring Door Cover For GFCI (F) - Horizontal	0.9
PBDS185	FS/FD AL 1 Gang Cover	0.4

Cast Device Box Covers

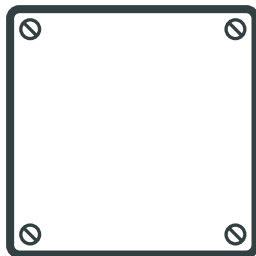
FS/FD 2 GANG COVER CONFIGURATIONS



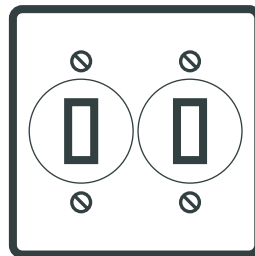
PBS21232



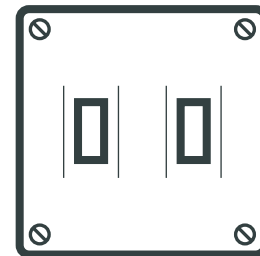
PBS232



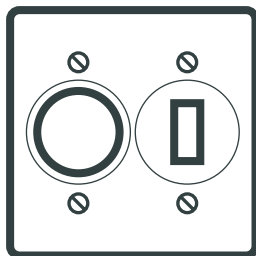
PBS1002



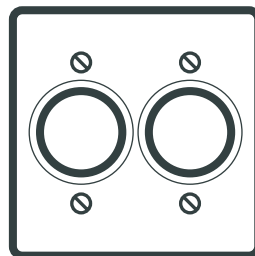
PBS322



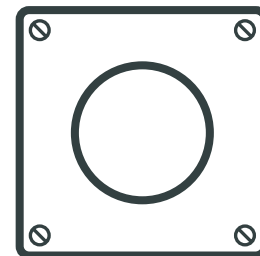
PBS322G



PBS32212



PBS212



PBS612



Ferrous Covers (Two Gang)

Catalog #	Description	Nominal Weight
PBS1002	Blank Cover Sheet Steel (S)	1.0
PBS1002G	Blank Cover Iron Alloy (S,F)	1.0
PBS21232	Round Receptacle + Duplex Convenience	1.2
PBS232	Duplex Convenience (S)	1.2
PBS322	Snap Switch (S)	1.0
PBS32212	Round Receptacle + Snap Switch (S)	1.2
PBS212	Two Round Receptacles (S)	2.0
PBS612	20 Amp, 250 Volt Receptacle (S)	1.2
PBS322G	Snap Switches Iron Alloy (S,F)	1.2

Conduit Bodies and Covers



Description

Plasti-Bond Conduit Bodies with covers are offered in Form 7, Form 8, and Mark 9 styles, each with numerous configurations to provide a complete coated conduit system. May be used to make 90° bends, for pull outlets, to provide for taps or splices, to act as a mounting outlet for wiring devices or lighting fixtures, etc. Form 8 and Mark 9 style fittings from ½" through 4" have an integral V-Seal gasket for superior corrosion protection. Electrical continuity of the conduit system is maintained across assembled joints.

Features

- 40 mil gray PVC exterior coating
- 2 mil red urethane interior coating
- Sealing sleeves on all female conduit openings
- Form 7 style cover uses retained stainless screw and wedge clip design
- Form 8 style cover uses plastic encapsulated stainless steel screws with retainers built into covers
- Integral V-Seal gasket on Form 8 and Mark 9 style

Standards

STEEL AND ALUMINUM

- UL 514A, 514B, 514D (E231035)
- CSA C22.2 No. 18, CSA C22.2 No. 42

FORM 7 FITTINGS – ½" THROUGH 4"

- NEMA 3R Rated*

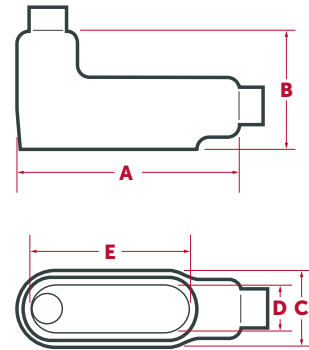
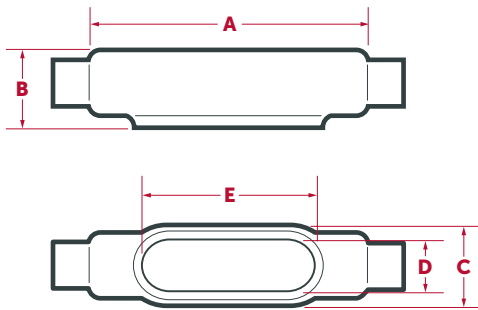
*As evidenced by successful passing of Rain Test and External Icing Test in accordance with UL Standard for Safety for Enclosures for Electrical Equipment, Environmental Considerations, UL50E Third Edition, Dated October 15, 2020, as evaluated by Intertek.

FORM 8 & MARK 9 FITTINGS – ½" THROUGH 4"

- IEC IP69 (E489286)
- UL Type 4X

NOTE: Form 7 fittings are not available with encapsulated screws. All cover screws are stainless steel.

Conduit Bodies and Covers



C Form 7

Pipe Size	Ferrous Catalog #	Nominal Weight	A	B	C	D	E	Aluminum Catalog #
1/2"	PRC17	1.0	5.38	1.42	1.46	0.94	3.19	PRC17SA
3/4"	PRC27	1.4	6.00	1.67	1.64	1.13	3.81	PRC27SA
1"	PRC37	2.2	7.00	1.92	1.83	1.38	4.50	PRC37SA
1-1/4"	PRC47	2.7	7.44	2.35	2.27	1.75	5.00	PRC47SA
1-1/2"	PRC57	4.0	8.19	2.60	2.52	1.94	5.44	PRC57SA
2"	PRC67	5.5	9.19	3.17	3.08	2.44	6.38	PRC67SA
2-1/2"	PRC77	10.0	12.00	3.67	4.33	3.56	8.38	PRC77SA
3"	PRC87	11.8	11.75	4.42	4.33	3.56	8.38	PRC87SA

C Form 8

Pipe Size	Ferrous Catalog #	Nominal Weight	A	B	C	D	E
1/2"	PRHC18	2.0	5.69	1.48	1.46	1.00	3.31
3/4"	PRHC28	2.3	6.28	1.73	1.27	1.19	3.94
1"	PRHC38	2.8	7.31	1.98	1.83	1.38	4.56
1-1/4"	PRHC448	4.5	8.50	2.42	2.27	1.75	5.31
1-1/2"	PRHC58	6.5	10.38	2.82	2.83	2.13	6.50
2"	PRHC68	10.3	12.25	3.60	3.83	3.00	8.56
2-1/2"	PRC78	18.0	15.63	4.48	5.08	4.25	10.88
3"	PRC88	20.5	15.63	4.85	5.08	4.25	10.88

C Mark 9

Pipe Size	Nominal Weight	A	B	C	D	E	Aluminum Catalog #
1/2"	2.0	5.00	1.42	1.46	1.19	3.31	PRC19
3/4"	2.3	5.69	1.67	1.64	1.38	3.94	PRC29
1"	2.8	6.59	1.92	1.83	1.50	4.56	PRC39
1-1/4"	4.5	7.50	2.54	2.27	1.94	5.31	PRC49
1-1/2"	6.5	8.25	2.79	2.58	2.25	6.00	PRC59
2"	10.3	10.50	3.48	3.27	2.88	8.06	PRC69
2-1/2"	18.0	15.63	4.48	5.08	4.25	10.88	PRC789
3"	20.5	15.63	4.85	5.08	4.25	10.88	PRC889
3-1/2"	10.0	18.75	5.73	6.33	5.44	13.44	PRC989
4"	12.0	18.75	5.98	6.33	5.44	13.44	PRC1089

LB Form 7

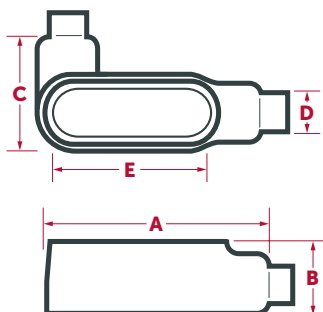
Pipe Size	Ferrous Catalog #	Nominal Weight	A	B	C	D	E	Aluminum Catalog #
1/2"	PRLB17	1.1	4.60	2.25	1.46	0.94	3.19	PRLB17SA
3/4"	PRLB27	1.7	5.24	2.50	1.64	1.13	3.81	PRLB27SA
1"	PRLB37	2.2	6.04	2.88	1.83	1.38	4.50	PRLB37SA
1-1/4"	PRLB47	3.1	6.54	3.31	2.27	1.75	5.00	PRLB47SA
1-1/2"	PRLB57	3.8	7.17	3.69	2.52	1.94	5.44	PRLB57SA
2"	PRLB67	5.2	8.17	4.25	3.08	2.44	6.38	PRLB67SA
2-1/2"	PRLB77	10.0	10.54	5.13	4.33	3.56	8.38	PRLB77SA
3"	PRLB87	13.0	10.54	5.88	4.33	3.56	8.38	PRLB87SA
3-1/2"	PRLB97	19.0	12.73	6.56	5.33	4.50	10.25	PRLB97SA
4"	PRLB107	18.5	12.73	7.06	5.33	4.50	10.25	PRLB107SA

LB Form 8

Pipe Size	Ferrous Catalog #	Nominal Weight	A	B	C	D	E
1/2"	PRHLB18	1.5	4.98	2.22	1.46	1.00	3.31
3/4"	PRHLB28	2.0	5.60	2.44	1.64	1.19	3.94
1"	PRHLB38	2.9	6.51	2.81	1.83	1.38	4.56
1-1/4"	PRHLB448	4.1	7.57	3.34	2.27	1.75	5.31
1-1/2"	PRHLB58	6.5	9.17	4.03	2.83	2.13	6.50
2"	PRHLB68	8.2	11.04	4.81	3.83	3.00	8.56
2-1/2"	PRLB78	18.2	13.98	6.13	5.08	4.25	10.88
3"	PRLB888	21.2	13.98	6.50	5.08	4.25	10.88
3-1/2"	PRLB98	31.2	16.92	7.56	6.33	5.44	13.44
4"	PRLB108	32.0	16.92	7.81	6.33	5.44	13.44

C Mark 9

Pipe Size	Nominal Weight	A	B	C	D	E	Aluminum Catalog #
1/2"	1.5	4.63	2.13	1.46	1.19	3.31	PRLB19
3/4"	2.0	5.29	2.41	1.64	1.38	3.94	PRLB29
1"	2.9	6.13	2.84	1.83	1.50	4.56	PRLB39
1-1/4"	4.1	7.07	3.47	2.27	1.94	5.31	PRLB49
1-1/2"	6.5	7.79	3.75	2.58	2.25	6.00	PRLB59
2"	8.2	10.07	4.47	3.27	2.88	8.06	PRLB69
2-1/2"	18.2	13.98	6.13	5.08	4.25	10.88	PRLB789
3"	21.2	13.98	6.50	5.08	4.25	10.88	PRLB889
3-1/2"	31.2	16.92	7.56	6.33	5.44	13.44	PRLB989
4"	32.0	16.92	7.81	6.33	5.44	13.44	PRLB1089

**LL Form 7**

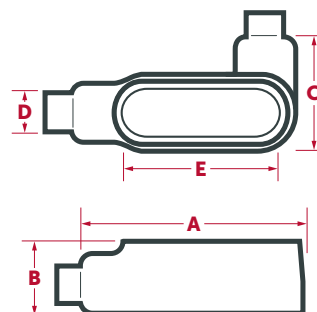
Pipe Size	Ferrous Catalog #	Nominal Weight	A	B	C	D	E	Aluminum Catalog #
1/2"	PRLL17	1.2	4.60	1.42	2.29	0.94	3.19	PRLL17SA
3/4"	PRLL27	1.6	5.23	1.67	2.48	1.13	3.81	PRLL27SA
1"	PRLL37	2.1	6.04	1.92	2.79	1.38	4.50	PRLL37SA
1-1/4"	PRLL47	3.0	6.54	2.35	3.23	1.75	5.00	PRLL47SA
1-1/2"	PRLL57	4.1	7.17	2.60	3.60	1.94	5.44	PRLL57SA
2"	PRLL67	5.7	8.17	3.17	4.17	2.44	6.38	PRLL67SA
2-1/2"	PRLL77	10.0	10.54	3.67	5.79	3.56	8.38	PRLL77SA
3"	PRLL87	12.7	10.54	4.42	5.79	3.56	8.38	PRLL87SA
3-1/2"	PRLL97	19.0	12.73	4.92	6.98	4.50	10.25	PRLL97SA
4"	PRLL107	19.0	12.73	5.42	6.98	4.50	10.25	PRLL107SA

LL Form 8

Pipe Size	Ferrous Catalog #	Nominal Weight	A	B	C	D	E
1/2"	PRHLL18	1.4	4.98	1.48	2.20	1.00	3.31
3/4"	PRHLL28	2.1	5.60	1.73	2.35	1.19	3.94
1"	PRHLL38	2.6	6.51	1.98	2.67	1.38	4.56
1-1/4"	PRHLL448	4.2	7.61	2.42	3.20	1.75	5.31
1-1/2"	PRHLL58	6.2	9.17	2.82	4.04	2.13	6.50
2"	PRHLL68	10.5	11.04	3.60	5.04	3.00	8.56
2-1/2"	PRLL78	19.0	13.98	4.48	6.73	4.25	10.88
3"	PRLL888	21.5	13.98	4.85	6.73	4.25	10.88

LL Mark 9

Pipe Size	Nominal Weight	A	B	C	D	E	Aluminum Catalog #
1/2"	1.4	4.63	1.42	2.17	1.19	3.31	PRLL19
3/4"	2.1	5.29	1.67	2.42	1.38	3.94	PRLL29
1"	2.6	6.13	1.92	2.67	1.50	4.56	PRLL39
1-1/4"	4.2	7.07	2.54	3.13	1.94	5.31	PRLL49
1-1/2"	6.2	7.79	2.79	3.48	2.25	6.00	PRLL59
2"	10.5	10.07	3.48	4.17	2.88	8.06	PRLL69
2-1/2"	19.0	13.98	4.48	6.73	4.25	10.88	PRLL789
3"	21.5	13.98	4.85	6.73	4.25	10.88	PRLL889
3-1/2"	21.5	16.92	5.73	8.17	5.44	13.44	PRLL989
4"	24.5	16.92	5.98	8.17	5.44	13.44	PRLL1089

**LR Form 7**

Pipe Size	Ferrous Catalog #	Nominal Weight	A	B	C	D	E	Aluminum Catalog #
1/2"	PRLR17	1.2	4.60	1.42	2.29	0.94	3.19	PRLR17SA
3/4"	PRLR27	1.6	5.23	1.67	2.48	1.13	3.81	PRLR27SA
1"	PRLR37	2.1	6.04	1.92	2.79	1.38	4.50	PRLR37SA
1-1/4"	PRLR47	3.0	6.54	2.35	3.23	1.75	5.00	PRLR47SA
1-1/2"	PRLR57	4.1	7.17	2.60	3.60	1.94	5.44	PRLR57SA
2"	PRLR67	5.7	8.17	3.17	4.17	2.44	6.38	PRLR67SA
2-1/2"	PRLR77	10.0	10.54	3.67	5.79	3.56	8.38	PRLR77SA
3"	PRLR87	12.7	10.54	4.42	5.79	3.56	8.38	PRLR87SA
3-1/2"	PRLR97	19.0	12.73	4.92	6.98	4.50	10.25	PRLR97SA
4"	PRLR107	19.0	12.73	5.42	6.98	4.50	10.25	PRLR107SA

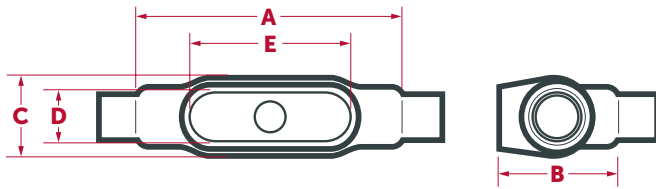
LR Form 8

Pipe Size	Ferrous Catalog #	Nominal Weight	A	B	C	D	E
1/2"	PRHLR18	1.4	4.98	1.48	2.20	1.00	3.31
3/4"	PRHLR28	2.1	5.60	1.73	2.35	1.19	3.94
1"	PRHLR38	2.6	6.51	1.98	2.67	1.38	4.56
1-1/4"	PRHLR448	4.5	7.61	2.42	3.20	1.75	5.31
1-1/2"	PRHLR58	6.2	9.17	2.82	4.04	2.13	6.50
2"	PRHLR68	10.7	11.04	3.60	5.04	3.00	8.56
2-1/2"	PRLR78	17.7	13.98	4.48	6.73	4.25	10.88
3"	PRLR888	18.0	13.98	4.85	6.73	4.25	10.88

LR Mark 9

Pipe Size	Nominal Weight	A	B	C	D	E	Aluminum Catalog #
1/2"	1.4	4.63	1.42	2.17	1.19	3.31	PRLR19
3/4"	2.1	5.29	1.67	2.42	1.38	3.94	PRLR29
1"	2.6	6.13	1.92	2.67	1.50	4.56	PRLR39
1-1/4"	4.5	7.07	2.54	3.13	1.94	5.31	PRLR49
1-1/2"	6.2	7.79	2.79	3.48	2.25	6.00	PRLR59
2"	10.7	10.07	3.48	4.17	2.88	8.06	PRLR69
2-1/2"	17.7	13.98	4.48	6.73	4.25	10.88	PRLR789
3"	18.0	13.98	4.85	6.73	4.25	10.88	PRLR889
3-1/2"	21.0	16.92	5.73	8.17	5.44	13.44	PRLR989
4"	24.0	16.92	5.98	8.17	5.44	13.44	PRLR1089

Conduit Bodies and Covers



TB Form 7

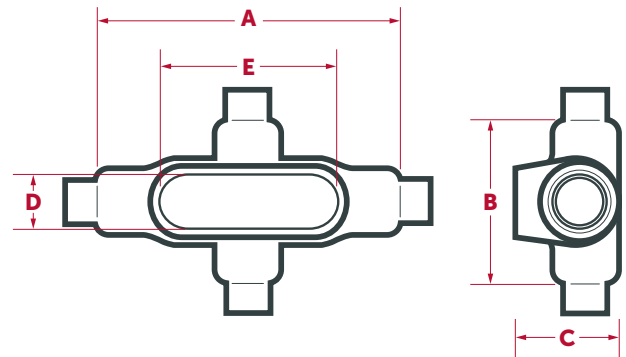
Pipe Size	Ferrous Catalog #	Nominal Weight	A	B	C	D	E	Aluminum Catalog #
1/2"	PRTB17	1.6	5.63	2.63	1.64	0.94	3.19	PRTB17SA
3/4"	PRTB27	2.1	6.25	2.88	1.83	1.13	3.81	PRTB27SA
1"	PRTB37	2.7	7.25	3.25	2.08	1.38	4.50	PRTB37SA
1-1/4"	PRTB47	3.7	7.44	3.31	2.27	1.75	5.00	PRTB47SA
1-1/2"	PRTB57	4.7	8.19	5.00	2.52	1.94	5.44	PRTB57SA
2"	PRTB67	7.0	9.19	6.13	3.08	2.44	6.38	PRTB67SA

TB Form 8

Pipe Size	Ferrous Catalog #	Nominal Weight	A	B	C	D	E
1/2"	PRHTB18	2.0	5.69	2.53	1.46	1.00	3.31
3/4"	PRHTB28	2.3	6.28	2.75	1.64	1.19	3.94
1"	PRHTB38	3.1	7.31	3.13	1.83	1.38	4.56
1-1/4"	PRHTB448	5.2	8.50	3.34	2.27	1.75	5.31
1-1/2"	PRHTB58	7.0	10.38	4.03	2.83	2.13	6.50
2"	PRHTB68	11.0	12.25	4.81	3.83	3.00	8.56

TB Mark 9

Pipe Size	Nominal Weight	A	B	C	D	E	Aluminum Catalog #
1/2"	2.0	5.00	2.13	1.46	1.19	3.31	PRTB19
3/4"	2.3	5.69	2.41	1.64	1.38	3.94	PRTB29
1"	3.1	6.59	2.84	1.83	1.50	4.56	PRTB39
1-1/4"	5.2	7.50	3.47	2.27	1.94	5.31	PRTB49
1-1/2"	7.0	8.34	3.88	2.58	2.16	5.88	PRTB59
2"	11.0	10.63	4.59	3.30	2.81	8.09	PRTB69



X Form 7

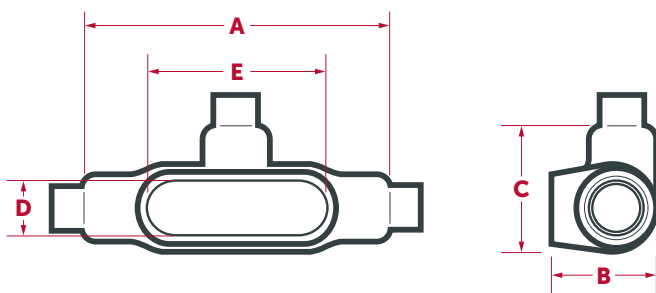
Pipe Size	Ferrous Catalog #	Nominal Weight	A	B	C	D	E	Aluminum Catalog #
1/2"	PRX17	1.7	5.63	3.31	1.79	0.94	3.19	PRX17SA
3/4"	PRX27	2.4	6.25	3.50	2.04	1.13	3.81	PRX27SA
1"	PRX37	2.7	7.25	4.00	2.29	1.38	4.50	PRX37SA
1-1/4"	PRX47	3.6	7.44	4.13	2.35	1.75	5.00	PRX47SA
1-1/2"	PRX57	5.0	8.19	4.63	2.60	1.94	5.44	PRX57SA
2"	PRX67	7.5	9.19	5.19	3.17	2.44	6.38	PRX67SA

X Form 8

Pipe Size	Ferrous Catalog #	Nominal Weight	A	B	C	D	E
1/2"	PRHX18	2.0	5.69	2.91	1.79	1.00	3.31
3/4"	PRHX28	2.6	6.28	3.06	2.04	1.19	3.94
1"	PRHX38	3.1	7.31	3.50	2.29	1.38	4.56
1-1/4"	PRHX448	5.2	8.50	4.13	2.67	1.75	5.31
1-1/2"	PRHX58	7.5	10.38	5.25	2.51	2.13	6.50
2"	PRHX68	11.7	12.25	6.25	3.60	3.00	8.56

X Mark 9

Pipe Size	Nominal Weight	A	B	C	D	E	Aluminum Catalog #
1/2"	2.0	5.69	2.91	1.79	1.00	3.31	PRX19
3/4"	2.6	6.28	3.06	2.04	1.19	3.94	PRX29
1"	3.1	7.31	3.50	2.29	1.38	4.56	PRX39

**T Form 7**

Pipe Size	Ferrous Catalog #	Nominal Weight	A	B	C	D	E	Aluminum Catalog #
1/2"	PRT17	1.5	5.63	1.79	2.48	0.94	3.19	PRT17SA
3/4"	PRT27	2.1	6.25	2.04	2.67	1.13	3.81	PRT27SA
1"	PRT37	2.9	7.25	2.29	3.04	1.38	4.50	PRT37SA
1-1/4"	PRT47	3.6	7.44	2.35	3.23	1.75	5.00	PRT47SA
1-1/2"	PRT57	4.5	8.19	2.60	3.60	1.94	5.44	PRT57SA
2"	PRT67	6.5	9.19	3.17	4.17	2.44	6.38	PRT67SA
2-1/2"	PRT77	10.7	12.00	3.67	5.79	3.56	8.38	PRT77SA
3"	PRT87	15.4	12.06	4.42	5.79	3.56	8.38	PRT87SA
3-1/2"	PRT97	19.0	14.31	4.92	6.98	4.50	10.25	PRT97SA
4"	PRT107	21.0	14.31	5.42	6.98	4.50	10.25	PRT107SA

T Form 8

Pipe Size	Ferrous Catalog #	Nominal Weight	A	B	C	D	E
1/2"	PRHT18	1.8	5.69	1.79	2.20	1.00	3.31
3/4"	PRHT28	2.5	6.28	2.04	2.35	1.19	3.94
1"	PRHT38	3.3	7.31	2.29	2.67	1.38	4.56
1-1/4"	PRHT448	4.9	8.50	2.67	3.20	1.75	5.31
1-1/2"	PRHT58	7.5	10.38	2.82	4.04	2.13	6.50
2"	PRHT68	11.7	12.25	3.60	5.04	3.00	8.56
2-1/2"	PRT78	19.8	15.63	4.48	6.73	4.25	10.88
3"	PRT88	23.5	15.63	4.85	6.73	4.25	10.88

T Mark 9

Pipe Size	Nominal Weight	A	B	C	D	E	Aluminum Catalog #
1/2"	1.8	5.00	1.42	2.17	1.19	3.31	PRT19
3/4"	2.5	5.69	1.92	2.42	1.38	3.31	PRT29
1"	3.3	6.59	1.92	2.67	1.50	4.56	PRT39
1-1/4"	4.9	7.50	2.54	3.13	1.94	5.31	PRT49
1-1/2"	7.5	8.25	2.79	3.48	2.25	6.00	PRT59
2"	11.7	10.50	3.48	4.17	2.88	8.06	PRT69
2-1/2"	19.8	15.63	4.48	6.73	4.25	10.88	PRT789
3"	23.5	15.63	4.85	6.73	4.25	10.88	PRT889
3-1/2"	21.0	18.75	5.73	8.17	5.44	13.44	PRT989
4"	24.0	18.75	5.98	8.17	5.44	13.44	PRT1089

**Replacement Screw Kits**

Catalog #	Description	Quantity
PBSCREW-KIT-1	1/2" and 3/4" Form 8 ENCAP Screws	2
PBSCREW-KIT-2	1" and 1-1/4" Form 8 ENCAP Screws	2
PBSCREW-KIT-3	1-1/2" Form 8 ENCAP Screws	2
PBSCREW-KIT-4	2" Form 8 ENCAP Screws	4
PBSCREW-KIT-5	2-1/2" and 3" Form 8 ENCAP Screws	4
PBSCREW-KIT-6	3-1/2" and 4" Form 8 ENCAP Screws	4
PBSCREW-KIT-7	1/2" OE ENCAP Screws	4
PBSCREW-KIT-8	3/4" OE ENCAP Screws	4
PBSCREW-KIT-9	1-1/4" LBD ENCAP Screws	4
PBSCREW-KIT-10	1-1/2" LBD ENCAP Screws	4
PBSCREW-KIT-11	2" LBD ENCAP Screws	4
PBSCREW-KIT-12	2-1/2" and 3" LBD ENCAP Screws	6
PBSCREW-KIT-13	2-1/2" and 3" Mark 9 ENCAP Screws	4
PBSCREW-KIT-14	3-1/2" and 4" Mark 9 ENCAP Screws	4

Form 7 Covers

Part #	Description
PR170	1/2 Form 7 Cover
PR170SA	1/2 AL Form 7 Cover
PR270	3/4 Form 7 Cover
PR270SA	3/4 AL Form 7 Cover
PR370	1 Form 7 Cover
PR370SA	1 AL Form 7 Cover
PR470	1-1/4 Form 7 Cover
PR470SA	1-1/4 AL Form 7 Cover
PR570	1-1/2 Form 7 Cover
PR570SA	1-1/2 AL Form 7 Cover
PR670	2 Form 7 Cover
PR670SA	2 AL Form 7 Cover
PR870	2-1/2 - 3 Form 7 Cover
PR870SA	2-1/2 - 3 AL Form 7 Cover
PR970	3-1/2 - 4 Form 7 Cover
PR970SA	3-1/2 - 4 AL Form 7 Cover

Form 8 Covers

Part #	Description
PRH180F	1/2 Form 8 Cover
PRH280F	3/4 Form 8 Cover
PRH380F	1 Form 8 Cover
PRH480F	1-1/4 Form 8 Cover
PRH580F	1-1/2 Form 8 Cover
PRH680F	2 Form 8 Cover
PR880F	2-1/2 - 3 Form 8 Cover
PR980F	3-1/2 - 4 Form 8 Cover

Mark 9 Covers

Part #	Description
PR190	1/2 Mark 9 Cover
PR290	3/4 Mark 9 Cover
PR390	1 Mark 9 Cover
PR490	1-1/4 Mark 9 Cover
PR590	1-1/2 Mark 9 Cover
PR690	2 Mark 9 Cover
PR889	2-1/2 - 3 Mark 9 Cover
PR989	3-1/2 - 4 Mark 9 Cover

LBD Pulling Elbows



Features

- 40 mil gray PVC exterior coating
- 2 mil red urethane interior coating
- 10 trade sizes from ½" through 4"
- Sealing sleeves on all female conduit openings
- Molded-in seal between body and cover
- Domed covers allow gentle bends of conductors
- Shipped with covers
- Angled covers allow straight pulling in either direction

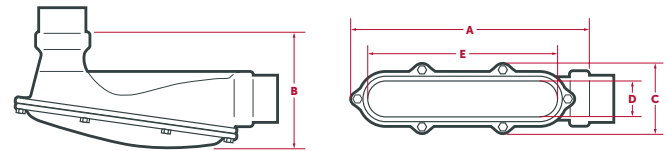
Standards

FERROUS ONLY

- UL 514B (E200413)

Description

Plasti-Bond LBD Conduit Bodies are used at 90° bends in conduit runs to allow straight pulls at bends, to serve as pull outlets for stiff conductors, to allow for service entrance into buildings, or to allow conductor entrance into motors. Electrical continuity of the conduit system is maintained across assembled joints.



Product Information

Pipe Size	Ferrous Catalog #	Nominal Weight	A	B	C	D	E	Aluminum Catalog #
1/2"	PRLBD1100	1.2	5.00	2.35	1.39	1.00	3.34	PRLBD1100SA
3/4"	PRLBD2200	2.0	6.25	2.67	1.64	1.25	4.53	PRLBD2200SA
1"	PRLBD3300	2.5	6.25	2.98	1.89	1.50	4.34	PRLBD3300SA
1-1/4"	PRLBD4400	6.0	8.63	4.29	3.58	1.81	7.19	PRLBD4400SA
1-1/2"	PRLBD5500	11.5	12.44	5.48	4.71	2.63	10.88	PRLBD5500SA
2"	PRLBD6600	18.0	12.44	5.48	4.71	2.63	10.88	PRLBD6600SA
2-1/2"	PRLBD7700	22.0	19.69	9.60	5.71	3.00	15.75	PRLBD7700SA
3"	PRLBD8800	35.0	19.69	9.60	5.71	3.00	15.75	PRLBD8800SA
3-1/2"	PRLBD9900	60.0	20.88	10.92	7.83	4.75	19.89	–
3-1/2"	–	60.0	27.81	11.92	7.21	4.00	24.00	PRLBD9900SA
4"	PRLBD10900	70.0	20.88	10.92	7.83	4.75	19.89	–
4"	–	70.0	27.81	11.92	7.21	4.00	24.00	PRLBD10900SA

LBD Screw Kit

Catalog #	Description	Quantity
PBSCREW-KIT-9	1-1/4" LBD ENCAP Screws	4
PBSCREW-KIT-10	1-1/2" LBD ENCAP Screws	4
PBSCREW-KIT-11	2" LBD ENCAP Screws	4
PBSCREW-KIT-12	2-1/2" and 3" LBD ENCAP Screws	6

Mogul Style Conduit Bodies



Description

Plasti-Bond Mogul Style Conduit Bodies are offered in various configurations to provide a complete coated conduit system. Mogul BG Covers are sold separately. Mogul style fitting bodies have long openings and may be used to make bends in conduit runs, for pull outlets for stiff conductors, to provide additional room for taps or splices, etc. Electrical continuity of the conduit system is maintained across assembled joints.

Covers are sold separately.

Features

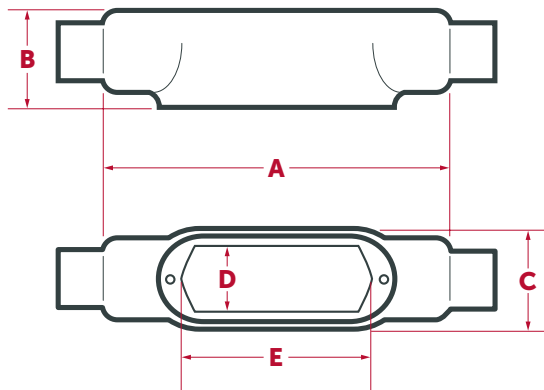
- 40 mil gray PVC exterior coating
- 2 mil red urethane interior coating
- 8 trade sizes from 1" through 4"
- Sealing sleeves on all female conduit openings
- Molded-in seal between bodies and covers
- Large cover openings provide ample room

Standards

FERROUS AND ALUMINUM

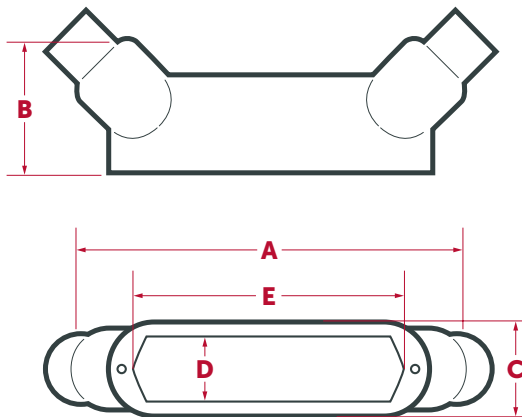
- UL 514A, 514B, 514D (E231035)
- CSA C22.2 No. 18, CSA C22.2 No. 42

Mogul Style Conduit Bodies



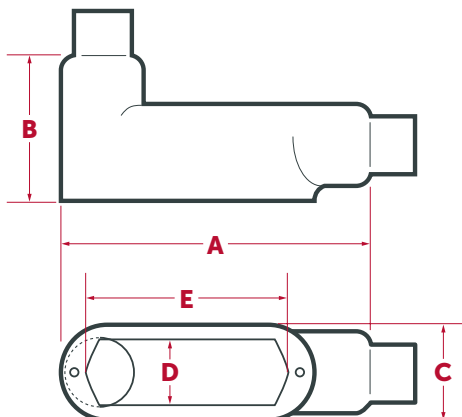
BC								
Pipe Size	Ferrous Catalog #	Nominal Weight	A	B	C	D	E	Aluminum Catalog #
1"	PRBC3	3.2	9.56	1.92	2.27	1.88	6	PRBC3SA
1-1/4"	PRBC4	4.2	9.56	2.35	2.27	1.88	6	PRBC4SA
1-1/2"	PRBC5	6.0	13.75	2.60	3.08	2.63	10	PRBC5SA
2"	PRBC6	7.0	13.75	3.17	3.08	2.63	10	PRBC6SA
2-1/2"	PRBC7	13.8	18.38	3.67	4.33	3.81	15	PRBC7SA
3"	PRBC8	17.5	18.38	4.42	4.33	3.81	15	PRBC8SA
3-1/2"	PRBC9	25.0	23.75	4.92	5.33	4.75	20	PRBC9SA
4"	PRBC10	28.0	23.75	5.42	5.33	4.75	20	PRBC10SA

(Cover sold separately.)



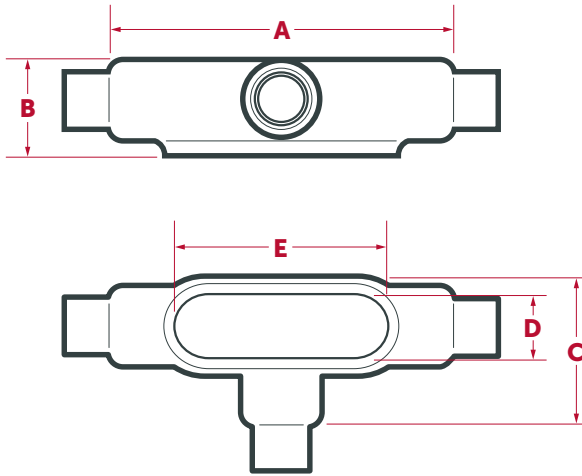
BUB								
Pipe Size	Ferrous Catalog #	Nominal Weight	A	B	C	D	E	Aluminum Catalog #
1"	PRBUB3	3.2	9.19	2.69	2.27	1.88	6	PRBUB3SA
1-1/4"	PRBUB4	4.0	9.31	3.19	2.27	1.88	6	PRBUB4SA
1-1/2"	PRBUB5	5.9	13.50	3.50	3.08	2.63	10	PRBUB5SA
2"	PRBUB6	7.8	13.50	4.13	3.08	2.63	10	PRBUB6SA
2-1/2"	PRBUB7	12.5	17.75	4.81	4.33	3.81	15	PRBUB7SA
3"	PRBUB8	17.0	17.88	5.63	4.33	3.81	15	PRBUB8SA
3-1/2"	PRBUB9	25.0	23.38	6.38	5.33	4.75	20	PRBUB9SA
4"	PRBUB10	28.0	23.25	6.81	5.33	4.75	20	PRBUB10SA

(Cover sold separately.)



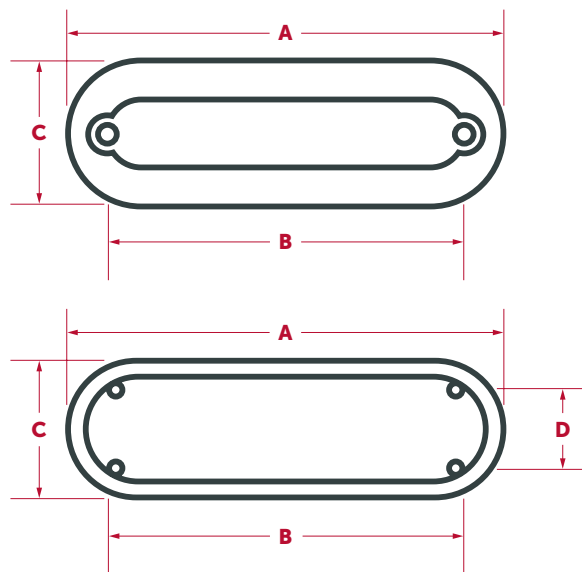
BLB								
Pipe Size	Ferrous Catalog #	Nominal Weight	A	B	C	D	E	Aluminum Catalog #
1"	PRBLB3	3.2	8.63	2.84	2.27	1.88	6	PRBLB3SA
1-1/4"	PRBLB4	4.2	8.63	3.28	2.27	1.88	6	PRBLB4SA
1-1/2"	PRBLB5	6.0	12.73	3.63	3.08	2.63	10	PRBLB5SA
2"	PRBLB6	7.0	12.73	4.19	3.08	2.63	10	PRBLB6SA
2-1/2"	PRBLB7	13.8	16.95	5.09	4.33	3.81	15	PRBLB7SA
3"	PRBLB8	17.5	16.95	5.84	4.33	3.81	15	PRBLB8SA
3-1/2"	PRBLB9	25.0	22.17	6.50	5.33	4.75	20	PRBLB9SA
4"	PRBLB10	28.0	22.17	7.00	5.33	4.75	20	PRBLB10SA

(Cover sold separately.)



BT								
Pipe Size	Ferrous Catalog #	Nominal Weight	A	B	C	D	E	Aluminum Catalog #
1"	PRBT3	3.2	9.56	1.92	3.24	1.88	6	PRBT3SA
1-1/4"	PRBT4	3.6	9.56	2.35	3.24	1.88	6	PRBT4SA
1-1/2"	PRBT5	7.5	13.75	2.60	4.14	2.63	10	PRBT5SA
2"	PRBT6	9.0	13.75	3.17	4.14	2.63	10	PRBT6SA
2-1/2"	PRBT7	15.0	18.38	3.67	5.67	3.81	15	PRBT7SA
3"	PRBT8	19.0	18.38	4.42	5.80	3.81	15	PRBT8SA
3-1/2"	PRBT9	29.0	23.75	4.92	6.96	4.75	20	PRBT9SA
4"	PRBT10	32.0	23.75	5.42	6.96	4.75	20	PRBT10SA

(Cover sold separately.)



Mogul Style BG Covers			
Ferrous Catalog #	Description	Nominal Weight	Aluminum Catalog #
PRBG48	1 - 1-1/4 BG COVER MOGUL	2.5	PRBG48SA
PRBG68	1-1/2 - 2 BG COVER MOGUL	3.2	PRBG68SA
PRBG88	2-1/2 - 3 BG COVER MOGUL	6.4	PRBG88SA
PRBG98	3-1/2 - 4 BG COVER MOGUL	9.8	PRBG98SA

(Body sold separately.)

Knockout Hubs



Description

Plasti-Bond ST Style Knockout Hubs are used to terminate conduit runs through the wall of an electrical enclosure. They are available with or without grounding lug. STTB style hubs are "through-bulkhead" fittings used to pass conduit runs through firewalls or bulkheads up to $\frac{1}{8}$ " thick. STTTB style hubs perform the same function for unlimited wall thicknesses, (furnished without nipples).

Features

- 40 mil gray PVC exterior coating
- ST available in 12 trade sizes from $\frac{1}{2}$ " through 6"
- STTB available in 10 trade sizes from $\frac{1}{2}$ " through 4"
- STTTB available in 6 trade sizes from $\frac{1}{2}$ " through 2"
- Sealing sleeves on conduit side of hub
- Molded PVC gasket seals flush with enclosure wall
- O-ring gasket provides additional seal

Standards

ZINC ONLY: ST, STG

- UL 514B (E200413)

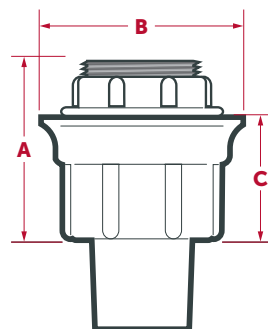
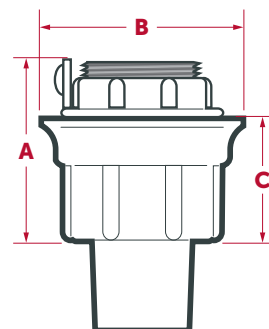
NEC/CEC

- Class I, Division 2
- Class II, Division 1 & 2
- Class III, Division 1 & 2

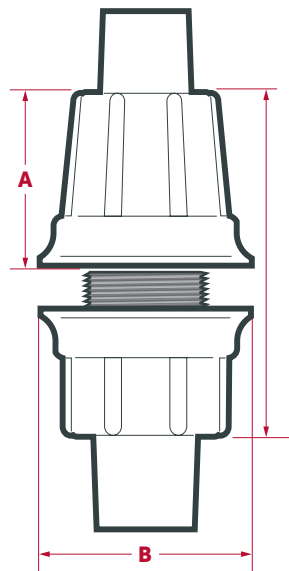
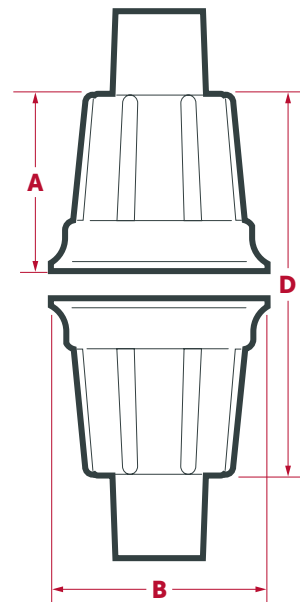
NOTE: All screw-tight hubs are listed for NEMA and UL type enclosures 2, 3, 3R, 4, 4X, 11, and 12. Grounding and bonding hubs are listed for NEMA Enclosures 2, 3, 3R, 4, 4X, and 12.

ST

Pipe Size	Catalog #	Nominal Weight	A	B	C	Max Wall Thick	Aluminum Catalog #
1/2"	PRST1	0.2	1.34	2.00	0.81	0.19	PRSTA1
3/4"	PRST2	0.3	1.47	2.25	0.91	0.19	PRSTA2
1"	PRST3	0.4	1.66	2.50	1.03	0.25	PRSTA3
1-1/4"	PRST4	0.4	1.69	3.25	1.03	0.25	PRSTA4
1-1/2"	PRST5	0.6	1.69	3.50	1.03	0.25	PRSTA5
2"	PRST6	1.2	1.75	4.25	1.09	0.25	PRSTA6
2-1/2"	PRST7	1.5	2.22	4.75	1.28	0.25	PRSTA7
3"	PRST8	2.1	2.31	5.25	1.38	0.25	PRSTA8
3-1/2"	PRST9	3.0	2.38	5.50	1.44	0.25	PRSTA9
4"	PRST10	3.5	2.44	6.25	1.50	0.25	PRSTA10
5"	PRST11	5.4	2.94	7.50	2.00	0.25	PRSTA11
6"	PRST12	6.9	3.00	8.50	2.00	0.31	PRSTA12

**ST****STG****STG**

Pipe Size	Catalog #	Nominal Weight	A	B	C	Max Wall Thick	Aluminum Catalog #
1/2"	PRSTG1	0.2	1.34	2.00	0.81	0.19	PRSTAG1
3/4"	PRSTG2	0.3	1.47	2.25	0.91	0.19	PRSTAG2
1"	PRSTG3	0.4	1.66	2.50	1.03	0.25	PRSTAG3
1-1/4"	PRSTG4	0.4	1.69	3.25	1.03	0.25	PRSTAG4
1-1/2"	PRSTG5	0.6	1.69	3.50	1.03	0.25	PRSTAG5
2"	PRSTG6	1.2	1.75	4.25	1.09	0.25	PRSTAG6
2-1/2"	PRSTG7	1.5	2.22	4.75	1.28	0.25	PRSTAG7
3"	PRSTG8	2.1	2.31	5.25	1.38	0.25	PRSTAG8
3-1/2"	PRSTG9	3.0	2.38	5.50	1.44	0.25	PRSTAG9
4"	PRSTG10	3.5	2.44	6.25	1.50	0.25	PRSTAG10
5"	PRSTG11	5.4	2.94	7.50	2.00	0.25	PRSTAG11
6"	PRSTG12	6.9	3.00	8.50	2.00	0.31	PRSTAG12

**STTB****STTTB****STTB**

Pipe Size	Catalog #	Nominal Weight	A	B	Max Wall Thick	Aluminum Catalog #
1/2"	PRSTTB1	0.5	1.34	2.00	0.19	PRSTTB1A1
3/4"	PRSTTB2	0.5	1.47	2.25	0.19	PRSTTB1A2
1"	PRSTTB3	0.7	1.66	2.50	0.25	PRSTTB1A3
1-1/4"	PRSTTB4	1.0	1.69	3.25	0.25	PRSTTB1A4
1-1/2"	PRSTTB5	1.2	1.69	3.5	0.25	PRSTTB1A5
2"	PRSTTB6	1.7	1.75	4.25	0.25	PRSTTB1A6
2-1/2"	PRSTTB7	2.5	2.22	4.75	0.25	PRSTTB1A7
3"	PRSTTB8	3.0	2.31	5.25	0.25	PRSTTB1A8
3-1/2"	PRSTTB9	4.2	2.38	5.50	0.25	-
4"	PRSTTB10	5.9	2.44	6.25	0.25	-

STTTB

Pipe Size	Catalog #	Nominal Weight	A	B	Max Wall Thick	Aluminum Catalog #
1/2"	PRSTTTB1	1.0	1.34	2.00	*	PRSTTTB1A1
3/4"	PRSTTTB2	1.0	1.47	2.25	*	PRSTTTB1A2
1"	PRSTTTB3	1.4	1.66	2.50	*	PRSTTTB1A3
1-1/4"	PRSTTTB4	2.0	1.69	3.25	*	PRSTTTB1A4
1-1/2"	PRSTTTB5	2.4	1.69	3.50	*	PRSTTTB1A5
2"	PRSTTTB6	3.4	1.75	4.25	*	PRSTTTB1A6

*Unlimited wall thickness – determined by nipple used.

PVC Jacketed Industrial LFMC



Description

Robroy PVC Jacketed Industrial Liquid Tight Flexible Metallic Conduit (LFMC) is designed for use with PVC-Coated Liquid Tight Fittings to ensure the best installation in the most demanding environmental conditions. LFMC is a raceway with a non-metallic outer liquidtight jacket over an inner flexible metal core. Liquid tight conduit protects conductors from mechanical damage due to vibration and movement and seals out water, oils, coolants, and other contaminants. PVC Jacketed Industrial LFMC is constructed of continuously interlocked hot dipped zinc galvanized steel core for strength, crush, and corrosion resistance. The PVC outer jacket provides environmental protection and resists heat, oil, and chemical breakdown and is sunlight (UV) resistant. The conduit gray color outer jacket blends with the PVC-coated fittings, rigid conduit, and accessories for a professional, aesthetically pleasing installation. Using Robroy LFMC in conjunction with other Robroy PVC-coated products can provide the long, dependable performance required even in the most demanding environmental conditions.

Features

- Available in 3/8" - 4" trade sizes
- Continuously interlocked hot dipped zinc galvanized core for strength, crush, and corrosion resistance
- PVC jacket resists heat, oil, and chemical breakdown for long dependable service
- Sunlight (UV) resistance makes it suitable for use indoors or outdoors
- Operating Temperature Range: -40°F to +176° F (-40°C to +80°)
- Approved for direct burial and in concrete
- Suitable for use in Class I Division 2 Hazardous Locations (when used with listed fittings) as per National Electrical Code®
- Available in 100-foot sections

Standards

- UL 360 (E514740)
- CSA C22.2 No. 56
- IEC IP69*

*Rated for transitioning applications from LFMC to PVC-coated rigid conduit (1/2"-2") when using Robroy type UA LFMC< PVC-Coated Liquid Tight Fittings, and Robroy Form 8 PVC-coated conduit body assemblies, as evidenced by successful passing of applicable tests in accordance with IEC 60529 Degrees of protection provided by enclosures (IP Code) Edition 2.2 2013-8, UL Standard for Safety for Enclosures for Electrical Equipment, Environmental Considerations, UL50E Third Edition, Dated October 15, 2020, as evaluated by Intertek.

Product Information

Catalog #	Description	Weight (Lbs/100ft)
PRLFMCGS-038	Liquid Tight Flexible Metallic Conduit 3/8" Trade Size Industrial Galvanized Steel Core	25
PRLFMCGS-050	Liquid Tight Flexible Metallic Conduit 1/2" Trade Size Industrial Galvanized Steel Core	29
PRLFMCGS-075	Liquid Tight Flexible Metallic Conduit 3/4" Trade Size Industrial Galvanized Steel Core	44
PRLFMCGS-100	Liquid Tight Flexible Metallic Conduit 1" Trade Size Industrial Galvanized Steel Core	73
PRLFMCGS-125	Liquid Tight Flexible Metallic Conduit 1-1/4" Trade Size Industrial Galvanized Steel Core	100
PRLFMCGS-150	Liquid Tight Flexible Metallic Conduit 1-1/2" Trade Size Industrial Galvanized Steel Core	112
PRLFMCGS-200	Liquid Tight Flexible Metallic Conduit 2" Trade Size Industrial Galvanized Steel Core	148
PRLFMCGS-250	Liquid Tight Flexible Metallic Conduit 2-1/2" Trade Size Industrial Galvanized Steel Core	182
PRLFMCGS-300	Liquid Tight Flexible Metallic Conduit 3" Trade Size Industrial Galvanized Steel Core	255
PRLFMCGS-400	Liquid Tight Flexible Metallic Conduit 4" Trade Size Industrial Galvanized Steel Core	362

Liquid Tight Connectors



Description

PVC-Coated Liquid Tight Fittings are used to connect and terminate liquid tight flexible metallic conduit (LFMC) to a box or enclosure. The liquid tight conduit and fittings protect conductors from mechanical damage due to vibration and movement and seal out water, oils, coolants, and other contaminants. The PVC coating construction provides the highest resistance to corrosion and provides long dependable service in tough, industrial, and wet locations. Typical applications include use with process controls, motors, pumps, and processing equipment. Transition adapters for use with conduit bodies are included as standard with PVC-Coated LT Fittings in trade sizes $\frac{1}{2}$ " - 2" in straight, 45°, and 90° configurations.

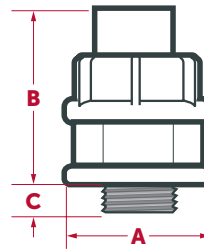
Features

- 40 mil gray PVC exterior coating
- 2 mil red urethane interior coating
- 10 trade sizes from $\frac{3}{8}$ " through 4"
- Sealing sleeves on all female conduit openings
- Available in straight, 45°, or 90° body configurations
- Available with an external grounding lug

Standards

FERROUS ONLY

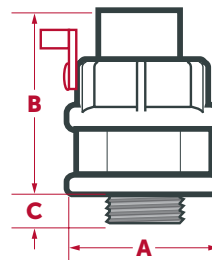
- UL 514B (E200413)
- UL 467 (E217890): $\frac{3}{8}$ " to 1"



Straight Connector

Pipe Size	Ferrous Catalog #	A	B	C	Nominal Weight	Aluminum Catalog #
3/8"	PR5331*	1.24	1.50	0.56	0.2	PR5231AL*
1/2"	PR5332	1.46	1.56	0.56	0.2	PR5232AL
3/4"	PR5333	1.74	1.63	0.56	0.3	PR5233AL
1"	PR5334	1.96	2.06	0.75	0.4	PR5234AL
1-1/4"	PR5335	2.36	2.50	0.81	0.8	PR5235AL
1-1/2"	PR5336	2.80	2.69	0.81	0.9	PR5236AL
2"	PR5337	3.33	3.06	0.88	1.7	PR5237AL
2-1/2"	PR5338*	3.83	4.13	1.00	3.0	PR5238AL*
3"	PR5339*	4.58	4.25	1.00	4.2	PR5239AL*
4"	PR5340*	5.58	4.50	1.13	6.2	PR5240AL*

*Not supplied with Transition Adapter

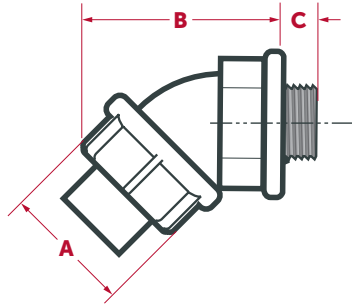


Straight Connector With Ground

Pipe Size	Ferrous Catalog #	A	B	C	Nominal Weight	Aluminum Catalog #
3/8"	PR5331GR*	1.24	1.50	0.56	0.2	PR5231GRAL*
1/2"	PR5332GR	1.46	1.56	0.56	0.2	PR5232GRAL
3/4"	PR5333GR	1.74	1.63	0.56	0.3	PR5233GRAL
1"	PR5334GR	1.96	2.06	0.75	0.4	PR5234GRAL
1-1/4"	PR5335GR	2.33	2.50	0.81	0.8	PR5235GRAL
1-1/2"	PR5336GR	3.33	2.69	0.81	0.9	PR5236GRAL
2"	PR5337GR	3.89	3.06	0.88	1.7	PR5237GRAL
2-1/2"	PR5338GR*	4.52	4.13	1.00	3.0	PR5238GRAL*
3"	PR5339GR*	5.27	4.25	1.00	4.2	PR5239GRAL*
4"	PR5340GR*	6.21	4.50	1.13	6.2	PR5240GRAL*

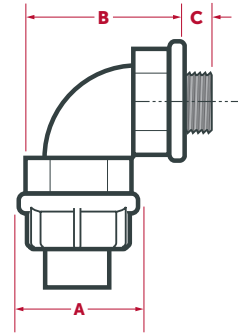
*Not supplied with Transition Adapter

Liquid Tight Connectors



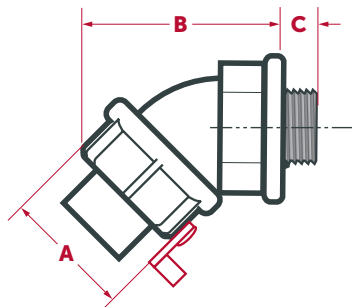
45° Connector					
Pipe Size	Ferrous Catalog #	A	B	C	Nominal Weight
3/8"	PR5341*	1.24	1.56	0.56	0.3
1/2"	PR5342	1.46	1.88	0.56	0.3
3/4"	PR5343	1.74	2.13	0.56	0.4
1"	PR5344	1.96	2.25	0.75	0.5
1-1/4"	PR5345	2.36	2.75	0.81	1.5
1-1/2"	PR5346	2.8	3.38	0.81	1.2
2"	PR5347	3.33	3.88	0.88	2.0
2-1/2"	PR5348*	3.83	4.25	1.00	3.0
3"	PR5349*	4.58	4.25	1.00	4.2
4"	PR5350*	5.58	4.63	1.13	6.2

*Not supplied with Transition Adapter



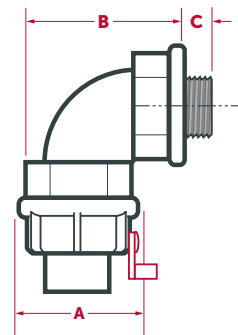
90° Connector						
Pipe Size	Ferrous Catalog #	A	B	C	Nominal Weight	Aluminum Catalog #
3/8"	PR5351 *	1.24	1.38	0.56	0.3	PR5251AL*
1/2"	PR5352	1.46	1.56	0.56	0.3	PR5252AL
3/4"	PR5353	1.74	1.75	0.56	0.4	PR5253AL
1"	PR5354	1.96	2.19	0.75	0.6	PR5254AL
1-1/4"	PR5355	2.36	2.75	0.81	1.0	PR5255AL
1-1/2"	PR5356	2.80	2.94	0.81	1.7	PR5256AL
2"	PR5357	3.33	3.44	0.88	2.7	PR5257AL
2-1/2"	PR5358*	3.83	8.88	1.00	3.8	-
3"	PR5359*	4.58	10.25	1.00	4.2	-
4"	PR5360*	5.58	12.63	1.13	6.2	-

*Not supplied with Transition Adapter



45° Connector With Ground					
Pipe Size	Ferrous Catalog #	A	B	C	Nominal Weight
3/8"	PR5341GR*	1.24	1.56	0.56	0.3
1/2"	PR5342GR	1.46	1.88	0.56	0.3
3/4"	PR5343GR	1.74	2.13	0.56	0.4
1"	PR5344GR	1.96	2.25	0.75	0.5
1-1/4"	PR5345GR	2.33	2.75	0.81	1.5
1-1/2"	PR5346GR	3.33	3.38	0.81	1.2
2"	PR5347GR	3.89	3.88	0.88	2.0
2-1/2"	PR5348GR*	4.52	4.25	1.00	3.0
3"	PR5349GR*	5.27	4.25	1.00	4.2
4"	PR5350GR*	6.21	4.63	1.13	6.2

*Not supplied with Transition Adapter



90° Connector With Ground						
Pipe Size	Ferrous Catalog #	A	B	C	Nominal Weight	Aluminum Catalog #
3/8"	PR5351GR*	1.24	1.25	0.56	0.3	PR5251GRAL*
1/2"	PR5352GR	1.46	1.44	0.56	0.3	PR5252GRAL
3/4"	PR5353GR	1.74	1.81	0.56	0.4	PR5253GRAL
1"	PR5354GR	1.96	2.06	0.75	0.6	PR5254GRAL
1-1/4"	PR5355GR	2.33	2.50	0.81	1.0	PR5255GRAL
1-1/2"	PR5356GR	3.33	2.94	0.81	1.7	PR5256GRAL
2"	PR5357GR	3.89	3.44	0.88	2.7	PR5257GRAL
2-1/2"	PR5358GR*	4.52	8.88	1.00	3.8	-
3"	PR5359GR*	5.27	10.25	1.00	4.2	-
4"	PR5360GR*	6.21	12.63	1.13	6.2	-

*Not supplied with Transition Adapter

LTR Combination Couplings



Description

PVC-Coated LTR Combination Couplings are used with liquid tight conduit. The LTR Combination Coupling allows the installer to transition from flexible conduit to threaded rigid conduit. The LTR fitting can also be used when transitioning from flexible conduit to fittings with female openings. Note a short nipple will be required since the LTR fittings is female/female.

Features

- 40 mil gray PVC exterior coating
- 2 mil red urethane interior coating
- Trade sizes 1/2" through 2"
- Sealing sleeves on all conduit openings
- Available with an external grounding lug

Standards

STEEL ONLY

- UL 467 (E217890)
- UL 514B (E200413)

LTR Combination Coupling	
Pipe Size	Ferrous Catalog #
1/2"	PRLTR50
3/4"	PRLTR75
1"	PRLTR100
1-1/4"	PRLTR125
1-1/2"	PRLTR150
2"	PRLTR200

LTR Combination Coupling With Ground	
Pipe Size	Ferrous Catalog #
1/2"	PRLTR50G
3/4"	PRLTR75G
1"	PRLTR100G
1-1/4"	PRLTR125G
1-1/2"	PRLTR150G
2"	PRLTR200G

TECK Series Cable Fittings

Description

Plasti-Bond TECK Series Cable Fittings are designed for use with jacketed TECK cable with aluminum or steel armor. TECK Series Cable Fittings are installed to provide a means for passing TECK type cable into an enclosure, panel board, or other equipment, to form a mechanical watertight and dust tight termination, and to provide ground continuity between the cable armor and metal enclosures.

Features

- 40 mil gray PVC exterior coating with cable sleeve and sealing gland
- Standard material is aluminum
- Stainless steel copper-plated spring provides grounding continuity of cable armour (TECK cable only)
- Watertight seal on outer sheath of cable
- Standard neoprene seal suitable for use in operating temperatures -25° to 60°C
- An integral o-ring seal on entry threads
- Available with NPT threads

GLAND TYPE

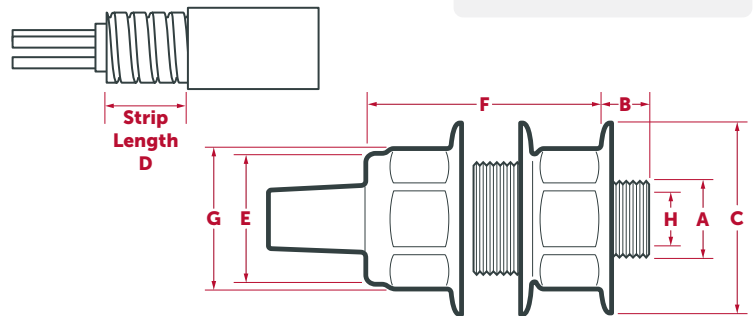
- Armoured

CABLE TYPE

- TECK Armoured

Standards

- Class II, Div. 1 & 2, Groups E, F, G; Class III
- Type 4 and IP56
- Wet locations



Product Information

PVC-Coated Aluminum Catalog #	Entry Thread Size A NPT Size	Thread Length B NPT	Cable Acceptance				Gland Length F (Less Entry)	Hexagon Dimensions			
			Armor Range H Min	Armor Range H Max	Outer Sheath E Min	Outer Sheath E Max		Across Flats	Across Corners G	Sealing Gland C	Strip Length D
PBTECK-050-1	1/2"	0.630	0.415	0.570	0.525	0.650	2.300	1.250	1.350	1.925	1-1/4"
PBTECK-050-2	1/2"	0.630	0.490	0.680	0.600	0.760	2.300	1.375	1.500	1.925	1-1/4"
PBTECK-050-3	1/2"	0.630	0.615	0.805	0.725	0.885	2.300	1.500	1.600	1.925	1-1/4"
PBTECK-050-4	1/2"	0.630	0.715	0.905	0.825	0.985	2.300	1.500	1.600	1.925	1-1/4"
PBTECK-075-5	3/4"	0.630	0.770	0.985	0.880	1.065	2.500	2.000	2.125	2.000	1-1/4"
PBTECK-075-6	3/4"	0.630	0.915	1.125	1.025	1.205	2.500	2.000	2.125	2.000	1-1/4"
PBTECK-100-7	1"	0.750	1.077	1.295	1.187	1.375	2.625	2.250	2.400	2.370	1-1/4"
PBTECK-125-8	1-1/4"	0.800	1.240	1.545	1.350	1.625	3.500	3.000	3.125	2.370	1-3/4"
PBTECK-125-9	1-1/4"	0.800	1.390	1.545	1.500	1.625	3.400	3.000	3.125	2.370	1-3/4"
PBTECK-125-10	1-1/4"	0.800	1.490	1.795	1.600	1.875	3.500	3.000	3.125	2.870	1-3/4"
PBTECK-150-11	1-1/2"	0.800	1.590	1.885	1.700	1.965	3.800	3.750	3.600	3.250	1-3/4"
PBTECK-150-12	1-1/2"	0.800	1.790	2.107	1.900	2.187	3.900	3.500	3.750	3.250	1-3/4"
PBTECK-200-13	2"	0.825	1.790	2.107	1.900	2.187	4.000	3.750	4.000	3.750	1-3/4"
PBTECK-200-14	2"	0.825	1.990	2.280	2.100	2.375	4.000	3.750	4.000	3.750	1-3/4"
PBTECK-200-15	2"	0.875	2.190	2.485	2.300	2.565	4.000	4.125	4.400	3.750	1-3/4"
PBTECK-200-16	2"	0.875	2.390	2.656	2.500	2.750	4.000	4.125	4.400	3.750	1-3/4"
PBTECK-250-17	2-1/2"	1.300	2.240	2.560	2.380	2.640	5.000	4.500	4.750	4.500	2-1/2"
PBTECK-250-18	2-1/2"	1.300	2.440	2.750	2.580	2.840	5.000	4.500	4.750	4.500	2-1/2"
PBTECK-300-19	3"	1.400	2.640	2.970	2.790	3.060	5.000	4.600	4.900	5.000	2-1/2"
PBTECK-300-20	3"	1.400	2.870	3.190	3.000	3.270	5.000	4.900	5.250	5.000	2-1/2"
PBTECK-300-21	3"	1.400	3.042	3.390	3.210	3.480	5.000	5.000	5.250	5.000	2-1/2"
PBTECK-350-22	3-1/2"	1.400	3.270	3.590	3.420	3.690	5.000	5.600	5.900	5.500	2-1/2"
PBTECK-350-23	3-1/2"	1.400	3.440	3.770	3.610	3.870	5.000	5.500	5.900	5.500	2-1/2"
PBTECK-400-24	4"	1.400	3.600	3.930	3.810	4.030	5.000	6.125	6.500	6.100	2-1/2"
PBTECK-400-25	4"	1.400	3.755	4.065	3.965	4.185	5.000	6.125	6.500	6.100	2-1/2"
PBTECK-400-26	4"	1.400	3.910	4.220	4.120	4.340	5.000	6.125	6.500	6.100	2-1/2"

Grounding Bushings



Description

Plasti-Bond Grounding Bushings are used on threaded PVC-Coated rigid conduit to provide a means of grounding conduit through an insulated bushing.

Features

- 40 mil gray PVC exterior coating
- 2 mil red urethane interior coating
- 10 trade sizes from 1/2" through 4"
- Aluminum lug for copper or aluminum grounding conductor
- Screws are zinc-plated steel

Product Information

Pipe Size	Ferrous Catalog #	Nominal Weight
1/2"	PBGLL1	0.1
3/4"	PBGLL2	0.1
1"	PBGLL3	0.1
1-1/4"	PBGLL4	0.2
1-1/2"	PBGLL5	0.2
2"	PBGLL6	0.3
2-1/2"	PBGLL7	0.5
3"	PBGLL8	0.7
3-1/2"	PBGLL9	1.0
4"	PBGLL10	1.1

Split Couplings



Description

Plasti-Bond Split Couplings are used to connect two pieces of conduit where the conduit can't be turned because of limited clearance between runs or a wall, or other obstruction.

Features

- 40 mil gray PVC exterior coating
- 2 mil red urethane interior coating
- 12 trade sizes from 1/2" through 6"
- Sealing sleeves on all female conduit openings

Product Information

Pipe Size	Ferrous Catalog #	Nominal Weight
1/2"	PRSSP50	0.2
3/4"	PRSSP75	0.3
1"	PRSSP100	0.4
1-1/4"	PRSSP125	0.6
1-1/2"	PRSSP150	0.7
2"	PRSSP200	1.0
2-1/2"	PRSSP250	2.3
3"	PRSSP300	3.0
3-1/2"	PRSSP350	3.8
4"	PRSSP400	4.1
5"	PRSSP500	6.0
6"	PRSSP600	8.6

Reducing Bushings



Description

RE Style Reducers reduce conduit hubs to a smaller size. They are provided with an integral bushing to prevent conductor damage and full, clean cut threads for ease of assembly. **All RE Reducers are coated at the edges with red polyurethane for corrosion protection.**

Standards

NEC/CEC

- Class I, Division 1 & 2, Groups C, D
- Class II, Division 1, Groups E, F, G
- Class II, Division 2, Groups F, G
- Class III

*Also suitable for use in Class I, Division 1 & 2 Group A & B

NOTE: REs meet the above standards only when used in conjunction with hazardous location fittings and when installed in accordance of NEC® and local code requirements.

Product Information

Pipe Size	Ferrous Catalog #	Nominal Weight	Aluminum Catalog #
3/4" – 1/2"	PRRE21 *	0.2	PRRE21SA *
1" – 1/2"	PRRE31 *	0.7	PRRE31SA *
1" – 3/4"	PRRE32 *	0.5	PRRE32SA *
1-1/4" – 1/2"	PRRE41 *	0.8	PRRE41SA *
1-1/4" – 3/4"	PRRE42 *	0.8	PRRE42SA *
1-1/4" – 1"	PRRE43 *	0.8	PRRE43SA *
1-1/2" – 1/2"	PRRE51 *	0.9	PRRE51SA *
1-1/2" – 3/4"	PRRE52 *	0.9	PRRE52SA *
1-1/2" – 1"	PRRE53 *	0.9	PRRE53SA *
1-1/2" – 1-1/4"	PRRE54 *	0.9	PRRE54SA *
2" – 1/2"	PRRE61 *	1.1	PRRE61SA *
2" – 3/4"	PRRE62 *	1.1	PRRE62SA *
2" – 1"	PRRE63 *	1.2	PRRE63SA *
2" – 1-1/4"	PRRE64 *	1.3	PRRE64SA *
2" – 1-1/2"	PRRE65 *	1.6	PRRE65SA *
2-1/2" – 1"	PRRE73 *	1.6	PRRE73SA *
2-1/2" – 1-1/4"	PRRE74 *	1.6	PRRE74SA *
2-1/2" – 1-1/2"	PRRE75 *	1.6	PRRE75SA *
2-1/2" – 2"	PRRE76 *	1.7	PRRE76SA *
3" – 1"	PRRE83 *	1.7	PRRE83SA *
3" – 1-1/4"	PRRE84 *	2.3	PRRE84SA *
3" – 1-1/2"	PRRE85 *	2.4	PRRE85SA *
3" – 2"	PRRE86 *	2.5	PRRE86SA *
3" – 2-1/2"	PRRE87 *	4.0	PRRE87SA *
3-1/2" – 2"	PRRE96 *	4.6	PRRE96SA *
3-1/2" – 2-1/2"	PRRE97 *	4.7	PRRE97SA *
3-1/2" – 3"	PRRE98 *	4.8	PRRE98SA *
4" – 2"	PRRE106 *	5.0	PRRE106SA *
4" – 2-1/2"	PRRE107 *	5.2	PRRE107SA *
4" – 3"	PRRE108 *	6.0	PRRE108SA *
4" – 3-1/2"	PRRE109 *	6.1	PRRE109SA *
5" – 4"	PRRE01210	7.4	PRRE01210SA
6" – 5"	PRRE01412	8.0	PRRE01412SA

Reducing Bushings with Sealing Sleeves



Features

- Available in trade sizes from 1/2" through 2" in 15 different configurations.
- Integral PVC connection ring and sealing sleeve fits snugly at connection points and provides superior sealed system keeping corrosive elements from entering the interior of the conduit system and improves the overall performance of the system - even when reducing trade sizes.
- Integral bushing in reducing bushing provides smooth pulling surface and protect against conductor damage.
- Manufactured using known, UL listed PVC material.
- Gray color matches other Plasti-Bond product coating color for visually appealing, professional installation.

Description

Patent pending Reducing Bushings with Sealing Sleeves are used in threaded rigid conduit raceway systems to reduce conduit hubs to a smaller size to accommodate changes in trade sizes in the electrical raceway. When a larger trade size PVC-coated conduit body is reduced to connect to a smaller trade size conduit, the sleeve on the conduit body has a larger diameter so the seal at the connection point of the conduit is often less than desirable. PVC-Coated Reducing Bushings with Sealing Sleeves solve that problem. PVC-Coated Reducing Bushings have an integrally molded connection ring that fits snugly over the female conduit entry of the fitting and an integral PVC sealing sleeve on the reducing bushing for connection with the smaller size conduit. This design provides a much improved seal at the connection points providing a superior sealed system to reduce the risk of moisture ingress or damage resulting from crevice corrosion.

Product Information

Catalog #	Description	Weight Per Pricing Unit
PRRESS21	3/4" - 1/2" Reducing Bushing w/ Sealing Sleeves	0.2
PRRESS31	1" - 1/2" Reducing Bushing w/ Sealing Sleeves	0.7
PRRESS32	1" - 3/4" Reducing Bushing w/ Sealing Sleeves	0.5
PRRESS41	1-1/4" - 1/2" Reducing Bushing w/ Sealing Sleeves	0.8
PRRESS42	1-1/4" - 3/4" Reducing Bushing w/ Sealing Sleeves	0.8
PRRESS43	1-1/4" - 1" Reducing Bushing w/ Sealing Sleeves	0.8
PRRESS51	1-1/2" - 1/2" Reducing Bushing w/ Sealing Sleeves	0.9
PRRESS52	1-1/2" - 3/4" Reducing Bushing w/ Sealing Sleeves	0.9
PRRESS53	1-1/2" - 1" Reducing Bushing w/ Sealing Sleeves	0.9
PRRESS54	1-1/2" - 1-1/4" Reducing Bushing w/ Sealing Sleeves	0.9
PRRESS61	2" - 1/2" Reducing Bushing w/ Sealing Sleeves	1.1
PRRESS62	2" - 3/4" Reducing Bushing w/ Sealing Sleeves	1.1
PRRESS63	2" - 1" Reducing Bushing w/ Sealing Sleeves	1.2
PRRESS64	2" - 1-1/4" Reducing Bushing w/ Sealing Sleeves	1.3
PRRESS65	2" - 1-1/2" Reducing Bushing w/ Sealing Sleeves	1.6

Reducing Couplings



Description

Plasti-Bond Reducing Couplings are used to connect two pieces of conduit of different sizes.

Standards

NEC/CEC

- Class I, Division 1 & 2, Groups C, D
- Class II, Division 1, Groups E, F, G
- Class II, Division 2, Groups F, G
- Class III

*Also suitable for use in Class I, Division 1 & 2, Group A & B

NOTE: RECs meet the above standards only when used in conjunction with hazardous location fittings and when installed in accordance of NEC and local code requirements.

Product Information

Pipe Size	Ferrous Catalog #	Nominal Weight	Aluminum Catalog #
3/4" - 1/2"	PRREC21 *	0.2	PRREC21SA
1" - 1/2"	PRREC31 *	0.7	PRREC31SA
1" - 3/4"	PRREC32	0.5	PRREC32SA
1-1/4" - 3/4"	PRREC42	1.0	PRREC42SA
1-1/4" - 1"	PRREC43	0.8	PRREC43SA
1-1/2" - 3/4"	PRREC52	1.4	PRREC52SA
1-1/2" - 1"	PRREC53	1.2	PRREC53SA
1-1/2" - 1-1/4"	PRREC54	1.3	PRREC54SA
2" - 3/4"	PRREC602	1.5	PRREC602SA
2" - 1"	PRREC603	2.3	PRREC603SA
2" - 1-1/4"	PRREC604	2.6	PRREC604SA
2" - 1-1/2"	PRREC605	2.8	PRREC605SA
2-1/2" - 1-1/2"	PRREC75	3.2	-
3" - 2"	PRREC86	3.7	PRREC86SA
3-1/2" - 2-1/2"	PRREC97	4.6	-
4" - 3"	PRREC108	5.9	-
5" - 4"	PRREC01210	7.4	-



Description

PLG Style Plugs are used to close unused conduit hubs. They are available with either recessed square drive sockets or raised square drive heads. **All PLG plugs are coated with a polyester urethane powder for corrosion protection.**

Standards

NEC/CEC

- Class I, Division 1 & 2, Groups C, D
 - Class II, Division 1, Groups E, F, G
 - Class II, Division 2, Groups F, G
 - Class III
- *Also suitable for use in Class I, Division 1 & 2, Group A & B

NOTE: PLGs meet the above standards only when used in conjunction with hazardous location fittings and when installed in accordance of NEC and local code requirements.

Square Head Plugs		
Pipe Size	Ferrous Catalog #	Nominal Weight
1/2"	PRPLG15 *	0.5
3/4"	PRPLG25 *	0.6
1"	PRPLG35 *	0.2
1-1/4"	PRPLG45	0.3
1-1/2"	PRPLG55	0.3
2"	PRPLG65	0.4
2-1/2"	PRPLG75	0.4
3"	PRPLG85	0.5
3-1/2"	PRPLG95	0.5
4"	PRPLG105	0.6

Recessed Plugs		
Pipe Size	Ferrous Catalog #	Nominal Weight
1/2"	PRPLG1 *	0.2
3/4"	PRPLG2 *	0.2
1"	PRPLG3 *	0.3
1-1/4"	PRPLG4	0.3
1-1/2"	PRPLG5	0.3
2"	PRPLG6	0.3
2-1/2"	PRPLG7	0.3
3"	PRPLG8	0.4
3-1/2"	PRPLG9	0.4
4"	PRPLG10	0.5

XJG Conduit Expansion Couplings



Description

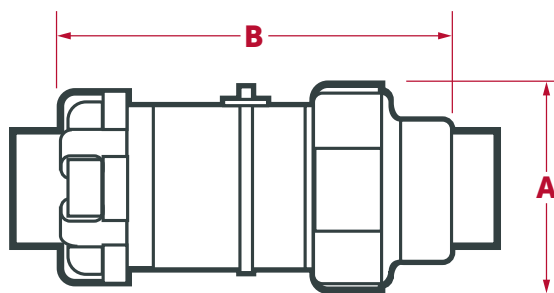
Plasti-Bond XJG Expansion Couplings are used to couple together two sections of conduit that are subject to longitudinal movement, helping to prevent damage to conduit supports in dynamic environments such as buildings or bridges. These couplings are especially critical for long conduit runs—both indoors and outdoors—where thermal expansion and contraction can cause linear shifts. XJD Expansion Couplings play a vital role in conduit systems that cross structural joints or span extended distances, preventing buckling and reducing the risk of circuit failures.

Features

- 40 mil gray PVC exterior coating
- 2 mil red urethane interior coating
- 10 trade sizes from 1/2" through 4"
- Sealing sleeves on all female conduit openings
- Available with either 4" or 8" maximum movement
- Internally grounded

Standards

- NEC Article 300-7 (b)
- NEMA FB1



4" Travel XJG Series

Pipe Size	Ferrous Catalog #	A	B	Nominal Weight	Aluminum Catalog #
1/2"	PRXJG14	1.83	6.75	1.5	PRXJG14SA
3/4"	PRXJG24	2.20	6.75	2.9	PRXJG24SA
1"	PRXJG34	2.51	7.25	3.6	PRXJG34SA
1-1/4"	PRXJG44	3.27	7.56	3.8	PRXJG44SA
1-1/2"	PRXJG54	3.76	7.87	6.2	PRXJG54SA
2"	PRXJG64	4.83	8.25	7.3	PRXJG64SA
2-1/2"	PRXJG74	4.95	9.31	9.8	PRXJG74SA
3"	PRXJG84	5.45	10.00	13.6	PRXJG84SA
3-1/2"	PRXJG94	6.70	9.81	16.1	PRXJG94SA
4"	PRXJG104	6.70	9.81	22.5	PRXJG104SA

8" Travel XJG Series

Pipe Size	Ferrous Catalog #	A	B	Nominal Weight	Aluminum Catalog #
1/2"	PRXJG18	1.83	10.75	1.9	PRXJG18SA
3/4"	PRXJG28	2.20	10.75	3.0	PRXJG28SA
1"	PRXJG38	2.51	11.25	3.3	PRXJG38SA
1-1/4"	PRXJG48	3.27	11.56	4.7	PRXJG48SA
1-1/2"	PRXJG58	3.76	11.87	7.3	PRXJG58SA
2"	PRXJG68	4.83	12.25	10.7	PRXJG68SA
2-1/2"	PRXJG78	4.95	13.31	14.4	PRXJG78SA
3"	PRXJG88	5.45	14.00	15.9	PRXJG88SA
3-1/2"	PRXJG98	6.70	13.81	23.8	PRXJG98SA
4"	PRXJG108	6.70	13.81	25.7	PRXJG108SA

XJGD Combination Expansion / Deflection Couplings



Description

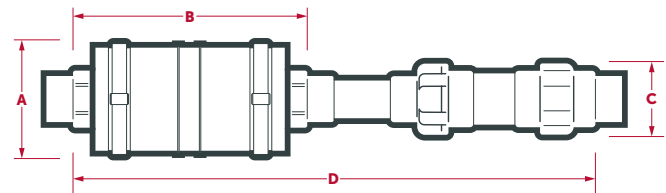
Plasti-Bond XJGD Combination Expansion / Deflection Couplings are used to couple together two sections of conduit subject to movement due to thermal expansion and contraction. They are installed indoors or outdoors in long conduit runs to permit linear and axial movement and to accommodative angular and parallel misalignment. XJGD combination couplings maintain electrical continuity without the need for an external bonding jumper and clamps.

Features

- 40 mil gray PVC exterior coating
- 2 mil red urethane interior coating
- 10 trade sizes from 1/2" through 4"
- Sealing sleeves on all female conduit openings
- Available in 4" maximum conduit movement
- XJGD Couplings include XD couplings, which accommodate the following movements without collapsing or fracturing the conduit or damaging the wires it contains.
 - Axial expansion or contraction up to 3/4"
 - Angular misalignment of the axes of the coupled conduit runs in any direct to 30
 - Parallel misalignment of the axes of coupling conduit runs in any direction to 3/4"
- Includes internal bonding springs and metallic bushings to create high integrity internal ground connection and eliminate the need for external bonding jumpers and clamps.

Standards

- NEC Article 300-7 (b)
- NEMA FB1



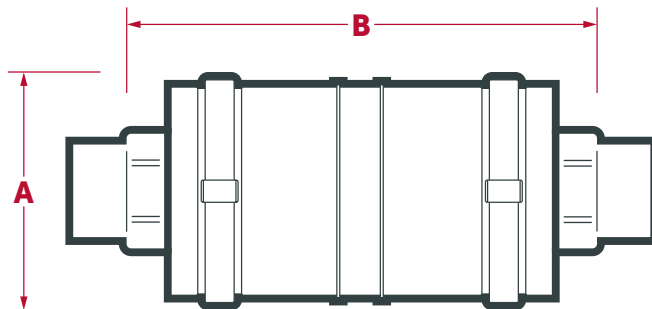
Product Information						
Pipe Size	Catalog #	A	B	C	D	Nominal Weight
1	PRXJGD34	3.63	8.63	2.51	16.26	9.8
1-1/4	PRXJGD44	3.96	8.75	3.2	16.54	9.8
1-1/2	PRXJGD54	4.19	8.78	3.7	16.83	9.8
2	PRXJGD64	4.63	9.16	4.46	19.31	9.8
2-1/2	PRXJGD74	5.69	9.53	4.95	19.8	9.8
3	PRXJGD84	5.72	10.13	5.45	20.47	9.8
4	PRXJGD104	6.75	11.88	6.7	21.97	35

XD Deflection Couplings



Description

XD Deflection Couplings are versatile, watertight solutions designed to protect conduit wiring systems from damage due to movement. Suitable for installation indoors, outdoors, underground, or embedded in concrete in non-hazardous areas, XD Deflection Couplings are ideal for applications such as underground feeder runs, transitions between concrete sections that may shift, connections between fixed structures, and conduit entrances in high-rise buildings. XD Deflection Couplings are also commonly used in demanding environments like bridges, marinas, docks, and piers, where structural movement and exposure to the elements are factors.



Features

- 40 mil gray PVC exterior coating
- 2 mil red urethane interior coating
- 10 trade sizes from 1" through 6"
- Sealing Sleeves on all female conduit openings
- XD Couplings accommodate the following movements without collapsing or fracturing the conduit and damaging the wires it contains:
 - Axial expansion or contraction up to $\frac{3}{4}$ "
 - Angular misalignment of the axes of the coupled conduit runs in any direction to 30°
 - Parallel misalignment of the axes of coupled conduit runs in any direction to $\frac{3}{4}$ "
- Inner sleeve provides a smooth insulated wireway for protection of wire insulation
- Watertight flexible neoprene outer jacket is corrosion-resistant and protects the grounding strap and the attachment points of the hubs
- Tinned copper flexible braid grounding straps assure grounding continuity
- Stainless steel jacket clamps for strength and corrosion resistance
- Standard tapered electrical threads fit standard rigid conduit
- Integral hub bushing protects insulation of conductors

Standards

- NEC Article 300-7 (b)
- NEMA FB1

Product Information

Pipe Size	Catalog #	A	B	Nominal Weight
1	PRXD3	3.71	8.63	4
1-1/4	PRXD4	4.04	8.75	5.775
1-1/2	PRXD5	4.27	8.78	7.1
2	PRXD6	4.71	9.16	8.35
2-1/2	PRXD7	5.77	9.53	10.2
3	PRXD8	5.8	10.13	13.75
3-1/2	PRXD9	6.3	10.81	16.3
4	PRXD10	6.83	11.88	18
5	PRXD12	7.83	12.5	24.5
6	PRXD14	9.08	13.5	31

Service Entrance Elbows



Description

Plasti-Bond LBY Type Elbows are used as Service Entrance Elbows between service entrance and vertical weatherhead conduit runs, to change direction of a conduit run 90° when space is limited, and for pull outlets. They may be used for general service or hazardous locations.

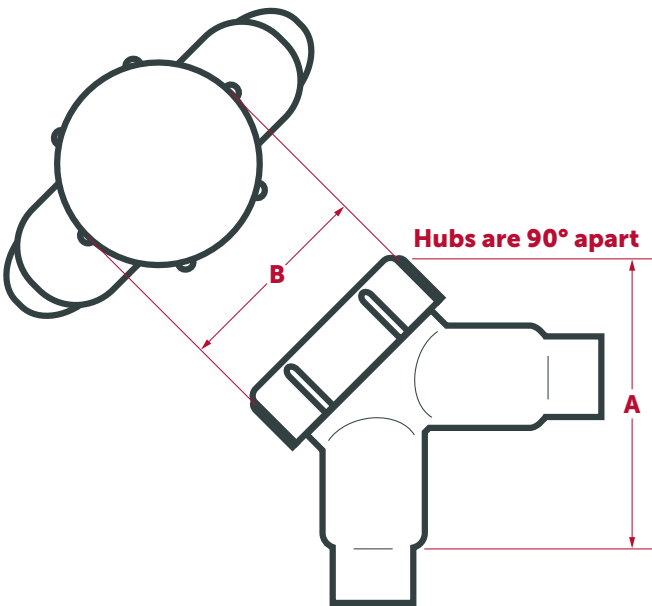
Features

- 40 mil gray PVC exterior coating
- 2 mil red urethane interior coating
- 5 trade sizes from 1/2" through 1 1/2"
- Sealing sleeves on all female conduit openings
- Molded PVC gasket seals fitting cover to body

Standards

NEC/CEC

- Class I, Division 1 & 2, Groups C, D
- Class II, Division 1, Groups E, F, G
- Class II, Division 2, Groups F, G
- Class III



Product Information					
Pipe Size	Ferrous Catalog #	A	B	Nominal Weight	Aluminum Catalog #
1/2"	PRLBY15	2.81	2.08	1.0	PRLBY15SA
3/4"	PRLBY25	3.19	2.33	1.2	PRLBY25SA
1"	PRLBY35	3.25	2.58	1.7	PRLBY35SA
1-1/4"	PRLBY45	3.78	3.02	2.5	PRLBY45SA
1-1/2"	PRLBY55	4.50	3.46	2.7	PRLBY55SA

Malleable Elbows



Description

Plasti-Bond EL Style Malleable Elbows are used in a conduit run to change direction 90° or to terminate at a fitting or box. They are available with male threads only, female threads only, or male and female threads.

Features

- 40 mil gray PVC exterior coating
- 2 mil red urethane interior coating
- Various configurations in 10 trade sizes from ½" through 2½"
- Sealing sleeves on all female conduit openings

Standards

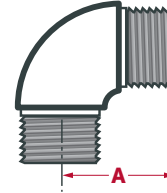
NEC/CEC

SIZES ½" THROUGH 1":

- Class I, Division 1 & 2, Groups A, B, C, D
- Class II, Division 1, Groups E, F, G
- Class II, Division 2, Groups F, G
- Class III

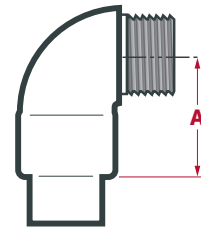
SIZES 1¼" THROUGH 2½":

- Class I, Division 1 & 2, Groups C, D
- Class II, Division 1, Groups E, F, G
- Class II, Division 2, Groups F, G
- Class III



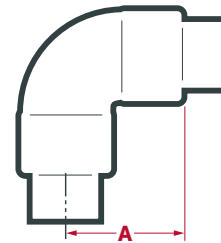
90° Male-Male

Pipe Size	Ferrous Catalog #	A	Nominal Weight
1/2"	PREL195	1.44	0.3
3/4"	PREL295	1.63	0.5
1"	PREL395	1.88	0.7



90° Male-Female

Pipe Size	Ferrous Catalog #	A	Nominal Weight	Aluminum Catalog #
1/2"	PREL196	1.53	0.3	PREL196SA
3/4"	PREL296	1.63	0.5	PREL296SA
1"	PREL396	1.88	1.2	PREL396SA
1-1/4"	PREL496	2.13	2.8	—



90° Female-Female

Pipe Size	Ferrous Catalog #	A	Nominal Weight	Aluminum Catalog #
1/2"	PREL19	1.53	0.7	PREL19SA
3/4"	PREL29	1.75	0.9	PREL29SA
1"	PREL39	2.00	1.2	PREL39SA
1-1/4"	PREL49	2.25	2.4	PREL49SA
1-1/2"	PREL59	4.00	3.0	PREL59SA
2"	PREL69	5.00	6.0	PREL69SA
2-1/2"	PREL79	6.44	7.9	—

Conduit Unions



Description

Plasti-Bond UNF Unions are used to connect conduit to conduit and to allow for future changes to the conduit system. Female threads are provided at each end. Plasti-Bond UNY Unions are used to connect conduit to a conduit fitting, junction box, or device enclosure. One end is a male thread and the other is female.

Features

- 40 mil gray PVC exterior coating
- 2 mil red urethane interior coating
- 13 trade sizes from 1/2" through 6"
- Sealing sleeves on all female conduit openings
- Molded PVC gasket seals fitting

Standards

UL 1203 (E476062)

- NEC/CEC
- CSA C22.2 NO.30

UNF/UNY 1/2" THROUGH 1"

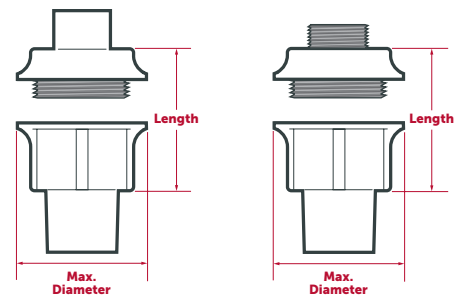
- Class I, Division 1 & 2, Groups A, B, C, D
- Class II, Division 1, Groups E, F, G
- Class II, Division 2, Groups F, G
- Class III

UNF/UNY 1 1/2" THROUGH 4"

- Class I, Division 1 & 2, Groups B, C, D
- Class II, Division 1, Groups E, F, G
- Class II, Division 2, Groups F, G
- Class III

ALUMINUM - ALL SIZES

- Class I, Division 1 & 2, Groups C, D
- Class II, Division 1, Groups E, F, G
- Class II, Division 2, Groups F, G
- Class III



UNF

UNY

UNF					
Pipe Size	Ferrous Catalog #	Nominal Weight	Length	Max Dia.	Aluminum Catalog #
1/2"	PRUNF105	0.3	1.81	2.00	PRUNF105SA
3/4"	PRUNF205	0.5	1.75	2.25	PRUNF205SA
3/4" - 1/2"	PRUNF215	0.6	1.75	2.25	-
1"	PRUNF305	0.7	2.00	2.75	PRUNF305SA
1-1/4"	PRUNF405	1.5	2.25	3.00	PRUNF405SA
1-1/2"	PRUNF505	2.3	2.63	3.50	PRUNF505SA
2"	PRUNF605	3.6	2.56	4.50	PRUNF605SA
2-1/2"	PRUNF705	5.0	3.19	4.75	PRUNF705SA
3"	PRUNF805	6.5	3.44	5.50	PRUNF805SA
3-1/2"	PRUNF905	8.2	4.13	6.50	PRUNF905SA
4"	PRUNF1005	10.0	4.13	7.00	PRUNF1005SA
5"	PRUNF012	12.5	3.81	9.00	-
6"	PRUNF014	14.8	3.81	10.25	-

UNY					
Pipe Size	Ferrous Catalog #	Nominal Weight	Length	Max Dia.	Aluminum Catalog #
1/2"	PRUNY105	0.4	2.38	2.00	PRUNY105SA
3/4"	PRUNY205	0.7	2.44	2.25	PRUNY205SA
3/4" - 1/2"	PRUNY215	0.8	2.44	2.25	-
1"	PRUNY305	1.3	2.75	2.75	PRUNY305SA
1-1/4"	PRUNY405	2.6	3.19	3.00	PRUNY405SA
1-1/2"	PRUNY505	3.9	3.56	3.50	PRUNY505SA
2"	PRUNY605	4.2	3.75	4.50	PRUNY605SA
2-1/2"	PRUNY705	5.5	4.63	4.75	PRUNY705SA
3"	PRUNY805	7.5	5.00	5.50	PRUNY805SA
3-1/2"	PRUNY905	8.4	5.50	6.50	PRUNY905SA
4"	PRUNY1005	10.5	5.63	7.00	PRUNY1005SA
5"	PRUNY012	12.0	5.25	9.00	-
6"	PRUNY014	14.9	5.38	10.25	-

GUA Series Outlet Boxes

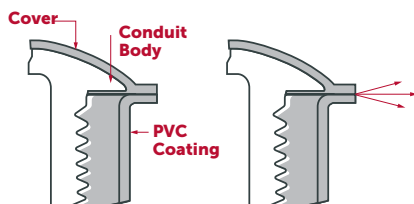


Description

Plasti-Bond GUA Series Conduit Outlet Boxes are installed in hazardous location conduit systems to serve as pull-and-splice boxes, to change the direction of a conduit run, to connect runs of conduit, or to provide access to conductors. They are provided with covers as standard. Inquire about special covers to use as mounts for light fixtures or as sealing fittings. Electrical continuity of the conduit system is maintained across assembled joints.

Features

- 40 mil gray PVC exterior coating
- 2 mil red urethane interior coating
- Trade sizes from ½" through 2" in various styles and configurations
- Sealing sleeves on all female conduit openings
- Neoprene O-ring is standard
- Molded-in PVC seal preserves venting characteristics of fitting, but seals out corrosives
- Standard material is a cast iron alloy body with a copper-free aluminum cover. Consult factory for availability of cast iron covers
- Internal green grounding screw is standard



Standards

UL 1203 (E495357)

- CSA C22.2 No. 30

STEEL AND ALUMINUM

- UL 514A, 514D (E231035)
- CSA C22.2 No. 18, CSA C22.2 No. 42

NEC/CEC

- Class I, Division 1 & 2, Groups B*, C, D
- Class II, Division 1, Groups E, F, G
- Class II, Division 2, Groups F, G
- Class III

ANSI STANDARD C-33.27

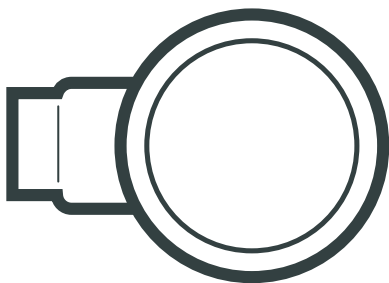
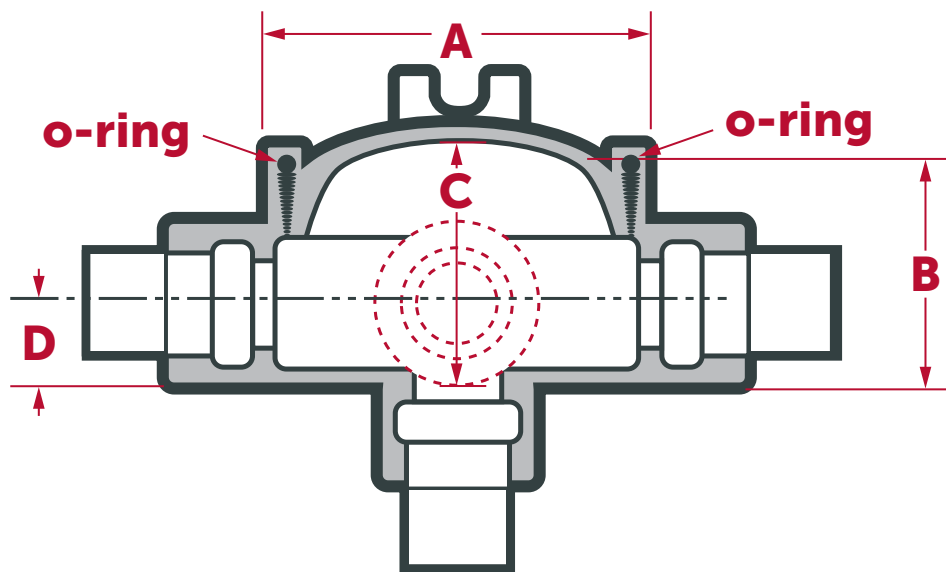
NEMA/EEMAC 3,4

*Only the following are suitable for Class 1, Division 1 & 2, Group B: PRGUA16, PRGUA26, PRGUA36, PRGUAB16, PRGUAB26, PRGUAB36, PRGUAB59-SA, PRGUAB69-SA, PRGUAC16, PRGUAC26, PRGUAC36, PRGUAC49-SA, PRGUAC59-SA, PRGUAC69-SA, PRGUAD16, PRGUAD26, PRGUAD36, PRGUAL16, PRGUAL26, PRGUAL36, PRGUAL49-SA, PRGUAL59-SA, PRGUAL69-SA, PRGUAT16, PRGUAT26, PRGUAT36, PRGUAT49-SA, PRGUAT59-SA, PRGUAT69-SA, PRGUAX16, PRGUAX26, PRGUAX36, PRGUAX49-SA, PRGUAX59-SA and PRGUAX69-SA.

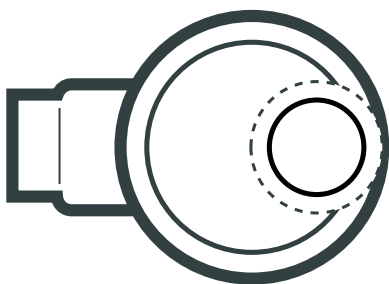
Covers have 16 pitch threads. Replacement cover is a PRGUA06-GB.

An integral PVC gasket on GUA type fittings preserves the venting characteristics of the uncoated fitting, but prevents corrosive liquids from entering from the outside.

Variables referenced to the technical data charts.

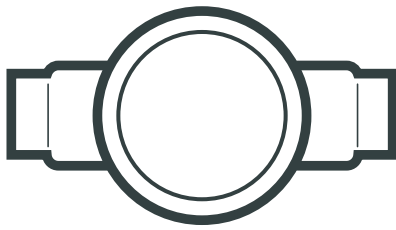


GUA							
Pipe Size	Ferrous Catalog #	Cover Opening	Aluminum Catalog #	A	B	C	D
1/2"	PRGUA14	2"	–	2.58	1.85	1.75	0.67
1/2"	PRGUA16	3"	–	3.58	2.04	1.88	0.67
3/4"	PRGUA24	2"	–	2.58	2.04	2.00	0.79
3/4"	PRGUA26	3"	PRGUA26SA	3.58	2.04	1.88	0.79
1"	PRGUA36	3"	–	3.58	2.35	2.19	0.92
1-1/4"	PRGUA47	3-5/8"	–	4.33	2.73	2.75	1.13
1-1/2"	PRGUA59	5"	–	5.83	3.85	3.75	1.32

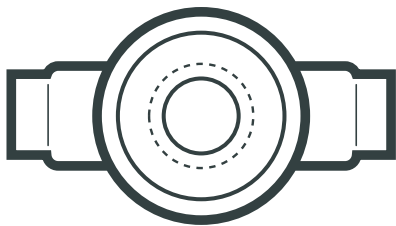


GUAB								
Pipe Size	Ferrous Catalog #	Cover Opening	Nominal Weight	Aluminum Catalog #	A	B	C	D
1/2"	PRGUAB14	2"	2.0	PRGUAB14SA	2.58	2.29	2.19	0.67
1/2"	PRGUAB16	3"	3.2	PRGUAB16SA	3.58	2.04	1.88	0.67
3/4"	PRGUAB24	2"	2.2	–	2.58	2.54	2.44	0.79
3/4"	PRGUAB26	3"	3.3	PRGUAB26SA	3.58	2.04	1.88	0.79
1"	PRGUAB36	3"	3.8	PRGUAB36SA	3.58	2.35	2.19	0.92
1-1/4"	PRGUAB47	3-5/8"	5.0	PRGUAB47SA	4.33	2.73	2.75	1.13
1-1/2"	PRGUAB59	5"	8.1	PRGUAB59SA	5.83	3.85	3.75	1.32
2"	PRGUAB69	5"	9.1	PRGUAB69SA	5.83	4.10	4.00	1.60

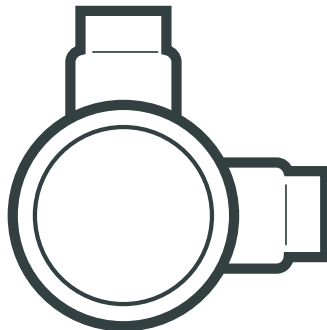
GUA Series Outlet Boxes



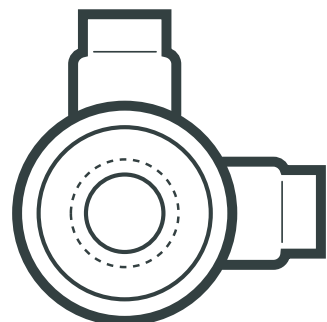
GUAC								
Pipe Size	Ferrous Catalog #	Cover Opening	Nominal Weight	Aluminum Catalog #	A	B	C	D
1/2"	PRGUAC14	2"	3.5	PRGUAC14SA	2.58	2.29	2.19	0.67
1/2"	PRGUAC16	3"	2.0	PRGUAC16SA	3.58	2.04	1.88	0.67
3/4"	PRGUAC24	2"	3.5	PRGUAC24SA	2.58	2.04	2.00	0.79
3/4"	PRGUAC26	3"	2.0	PRGUAC26SA	3.58	2.04	1.88	0.79
1"	PRGUAC36	3"	3.9	PRGUAC36SA	3.58	2.35	2.19	0.92
1-1/4"	PRGUAC47	3-5/8"	5.2	PRGUAC47SA	4.33	2.73	2.75	1.13
1-1/4"	PRGUAC49	5"	9.5	-	5.83	3.85	3.75	1.20
1-1/2"	PRGUAC59	5"	11.0	PRGUAC59SA	5.83	3.85	3.75	1.32
2"	PRGUAC69	5"	11.0	PRGUAC69SA	5.83	4.10	4.00	1.60



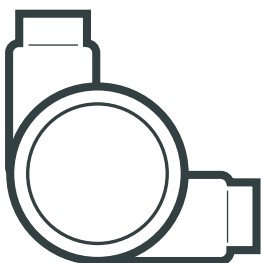
GUAD								
Pipe Size	Ferrous Catalog #	Cover Opening	Nominal Weight	Aluminum Catalog #	A	B	C	D
1/2"	PRGUAD14	2"	2.0	-	2.58	1.85	1.75	0.67
1/2"	PRGUAD16	3"	3.2	-	3.58	2.04	1.88	0.67
3/4"	PRGUAD24	2"	3.5	-	2.58	2.04	2.00	0.79
3/4"	PRGUAD26	3"	3.8	PRGUAD26SA	3.58	2.04	1.88	0.79
1"	PRGUAD36	3"	3.8	PRGUAD36SA	3.58	2.35	2.19	0.92
1-1/4"	PRGUAD49	5"	10.9	-	5.83	3.85	3.75	1.13



GUAL								
Pipe Size	Ferrous Catalog #	Cover Opening	Nominal Weight	Aluminum Catalog #	A	B	C	D
1/2"	PRGUAL14	2"	2.0	PRGUAL14SA	2.58	1.85	1.75	0.67
1/2"	PRGUAL16	3"	2.1	PRGUAL16SA	3.58	2.04	1.88	0.67
3/4"	PRGUAL24	2"	3.2	PRGUAL24SA	2.58	2.04	2.00	0.79
3/4"	PRGUAL26	3"	2.5	PRGUAL26SA	3.58	2.04	1.88	0.79
1"	PRGUAL36	3"	3.7	PRGUAL36SA	3.58	2.35	2.19	0.92
1-1/4"	PRGUAL47	3-5/8"	5.2	PRGUAL47SA	4.33	2.73	2.75	1.13
1-1/4"	PRGUAL49	5"	8.5	PRGUAL49SA	5.83	3.85	3.75	1.20
1-1/2"	PRGUAL59	5"	11.2	PRGUAL59SA	5.83	3.85	3.75	1.32
2"	PRGUAL69	5"	12.5	PRGUAL69SA	5.83	4.10	4.00	1.60

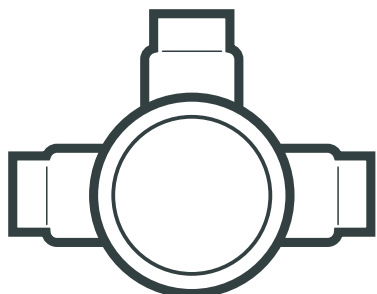


GUAM								
Pipe Size	Ferrous Catalog #	Cover Opening	Nominal Weight	Aluminum Catalog #	A	B	C	D
1/2"	PRGUAM14	2"	2.0	PRGUAM14SA	2.58	1.85	1.75	0.67
1/2"	PRGUAM16	3"	3.2	-	3.58	2.04	1.88	0.67
3/4"	PRGUAM24	2"	2.2	-	2.58	2.04	2.00	0.79
3/4"	PRGUAM26	3"	3.3	-	3.58	2.04	1.88	0.79
1"	PRGUAM36	3"	3.8	-	3.58	2.35	2.19	0.92
1-1/4"	PRGUAM47	3-5/8"	5.0	-	4.33	2.73	2.75	1.13
2"	PRGUAM69	5"	9.1	-	5.83	4.10	4.00	1.60



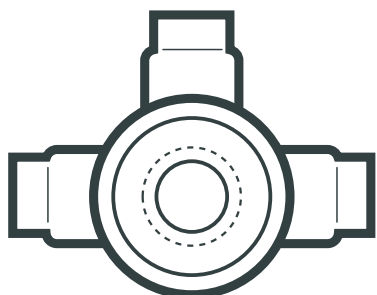
GUAN

Pipe Size	Ferrous Catalog #	Cover Opening	Nominal Weight	A	B	C	D
1/2"	PRGUAN14	2"	2.0	2.58	2.17	2.06	0.67
1/2"	PRGUAN16	3"	3.8	3.58	2.04	1.88	0.67
3/4"	PRGUAN24	2"	2.5	2.58	2.35	2.25	0.79
3/4"	PRGUAN26	3"	3.5	3.58	2.04	1.88	0.79
1"	PRGUAN36	3"	3.0	3.58	2.35	2.38	0.92
1-1/4"	PRGUAN47	3-5/8"	5.2	4.33	2.73	2.75	1.13
1-1/2"	PRGUAN59	5"	9.5	5.83	4.10	4.00	1.32
2"	PRGUAN69	5"	12.0	5.83	4.10	4.00	1.60



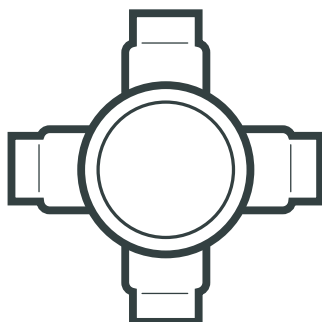
GUAT

Pipe Size	Ferrous Catalog #	Cover Opening	Nominal Weight	Aluminum Catalog #	A	B	C	D
1/2"	PRGUAT14	2"	2.0	PRGUAT14SA	2.58	2.29	2.19	0.67
1/2"	PRGUAT16	3"	2.8	PRGUAT16SA	3.58	2.04	1.88	0.67
3/4"	PRGUAT24	2"	2.2	PRGUAT24SA	2.58	2.04	2.00	0.79
3/4"	PRGUAT26	3"	3.5	PRGUAT26SA	3.58	2.04	1.88	0.79
1"	PRGUAT36	3"	3.2	PRGUAT36SA	3.58	2.35	2.19	0.92
1-1/4"	PRGUAT47	3-5/8"	5.7	PRGUAT47SA	4.33	2.73	2.75	1.13
1-1/2"	PRGUAT59	5"	9.1	PRGUAT59SA	5.83	3.85	3.75	1.32
2"	PRGUAT69	5"	10.0	PRGUAT69SA	5.83	4.10	4.00	1.60



GUAW

Pipe Size	Ferrous Catalog #	Cover Opening	Nominal Weight	Aluminum Catalog #	A	B	C	D
1/2"	PRGUAW14	2"	2.0	—	2.58	1.85	1.75	0.67
1/2"	PRGUAW16	3"	2.0	—	3.58	2.04	1.88	0.67
3/4"	PRGUAW24	2"	3.0	—	2.58	2.04	2.00	0.79
3/4"	PRGUAW26	3"	3.0	PRGUAW26SA	3.58	2.04	1.88	0.79



GUAX

Pipe Size	Ferrous Catalog #	Cover Opening	Nominal Weight	Aluminum Catalog #	A	B	C	D
1/2"	PRGUAX14	2"	2.0	—	2.58	1.85	1.75	0.67
1/2"	PRGUAX16	3"	3.8	PRGUAX16SA	3.58	2.04	1.88	0.67
3/4"	PRGUAX24	2"	2.5	PRGUAX24SA	2.58	2.04	2.00	0.79
3/4"	PRGUAX26	3"	2.8	PRGUAX26SA	3.58	2.04	1.88	0.79
1"	PRGUAX36	3"	4.2	PRGUAX36SA	3.58	2.35	2.19	0.92
1-1/4"	PRGUAX47	3-5/8"	4.8	PRGUAX47SA	4.33	2.73	2.75	1.13
1-1/2"	PRGUAX59	5"	11.7	PRGUAX59SA	5.83	3.85	3.75	1.32
2"	PRGUAX69	5"	12.5	PRGUAX69SA	5.83	4.10	4.00	1.60

Sealing Fittings



**FEATURING
OUR NEW
INNOVATION
P5SA™**



Description

Plasti-Bond Sealing Fittings are used in conduit runs to stop gasses, vapors, or flames from migrating from one part of the conduit system to another. This limits the spread of any potential explosion, enhancing safety. The PVC and urethane coatings of the fittings protect them from corrosive atmospheres so they can continue to function in hazardous locations. These fittings are available in several different configurations and with optional breathers and drains to accommodate installation in a variety of locations and positions. The EYD, EYDX, and EZD styles of fittings are for installation in vertical conduit runs. The EYS and EYSX style fittings are for installation in either vertical or horizontal runs. The EZS style fitting may be used in any angle of conduit run. Plasti-Bond's patented P5SA™ system on Sealing Fittings allows for a UL-required plug engagement verification. Installers and inspectors can depend on positional feedback ensuring Plasti-Bond urethane-coated plugs are correctly engaged the first time, every time with no compromise to critical corrosion protection.

Features

- 40 mil gray PVC exterior coating
- 2 mil red urethane interior coating
- 10 trade sizes from ½" through 4"
- Sealing sleeves on all conduit openings
- EYDX and EYSX seals have 40% wire fill capacity
- EYD and EZD fittings include a drain for condensate
- EZD fittings may be used at any conduit angle and include drain
- P5SA™ Plug Verification System

Standards

UL 1203 (E476062)

- CSA C22.2 No. 30

NEC/CEC

EYS 1-3, 11-31, 16-36, 116-316

- Class I, Division 1 & 2, Groups A, B, C, D
- Class II, Division 1, Groups E, F, G
- Class II, Division 2, Groups F, G
- Class III

EYS 41-61, 416-1016, EYSX 11-81, EYDX 11-81

- Class I, Division 1 & 2, Groups B, C, D
- Class II, Division 1, Groups E, F, G
- Class II, Division 2, Groups F, G
- Class III

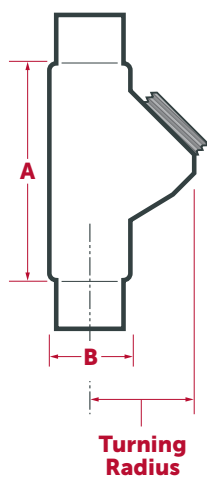
EYS 29, 4-10, 46-106, EZS 1-8, 16-86, EYD 1-10, 16-106, EZD 10-60, 111-611

- Class I, Division 1 & 2, Groups C, D
- Class II, Division 1, Groups F, G
- Class II, Division 2, Groups F, G
- Class III

EYSX 9-10

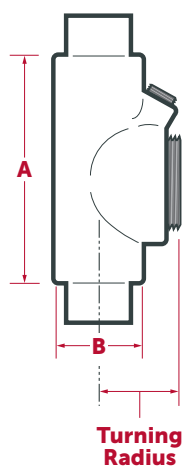
- Class I, Division 1 & 2, Groups C, D
- Class II, Division 1, Groups E, F, G
- Class II, Division 2, Groups F, G
- Class III

These Plasti-Bond Sealing Fittings should be used with a suitable system of sealing compound, such as Chico A, Chico X, or Chico A-P from Crouse-Hinds. Chico® SpeedSeal™ may be used on EYS or EYD sizes ½" through 2". Follow the installation instructions included with the sealing compound and properly tag after installation to ensure correct classification ratings.

**EYS - Female Hubs**

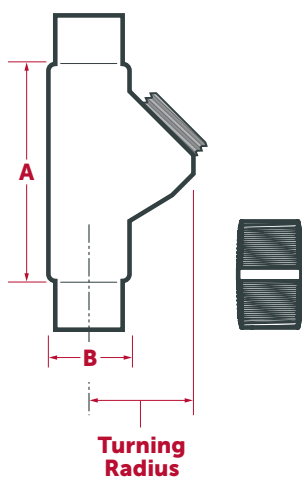
(For Sealing in Vertical Positions Only)

Pipe Size	Ferrous Catalog #	Nominal Weight	A	B	Turning Radius	Aluminum Catalog #
1/2"	PREYS1	1.0	3.28	1.33	1.63	PREYS1SA
3/4"	PREYS2	1.5	3.75	1.58	1.91	PREYS2SA
1"	PREYS3	2.1	4.31	1.83	2.38	PREYS3SA

**EYS - Female Hubs**

(For Sealing in Vertical or Horizontal Positions)

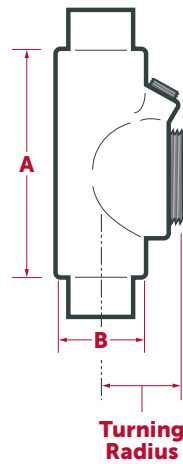
Pipe Size	Ferrous Catalog #	Nominal Weight	A	B	Turning Radius	Aluminum Catalog #
1-1/4"	PREYS4	2.7	5.06	2.27	1.72	PREYS4SA
1-1/2"	PREYS5	3.7	5.50	2.52	2.06	PREYS5SA
2"	PREYS6	4.7	6.25	3.08	2.31	PREYS6SA
2-1/2"	PREYS7	10.0	7.50	3.58	2.69	PREYS7SA
3"	PREYS8	11.2	8.50	4.33	3.31	PREYS8SA
3-1/2"	PREYS9	14.5	9.19	4.83	3.44	PREYS9SA
4"	PREYS10	16.0	9.75	5.33	3.69	PREYS10SA

**EYS - Male/Female Hubs**

(For Sealing in Vertical Positions Only)

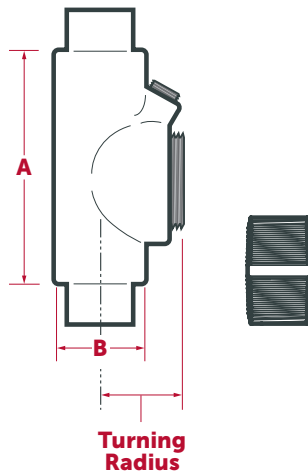
Pipe Size	Ferrous Catalog #	Nominal Weight	A	B	Turning Radius	Aluminum Catalog #
1/2"	PREYS16	1.5	3.28	1.33	1.63	PREYS16SA
3/4"	PREYS26	1.5	3.75	1.58	1.91	PREYS26SA
1"	PREYS36	2.3	4.31	1.83	2.38	PREYS36SA

Sealing Fittings



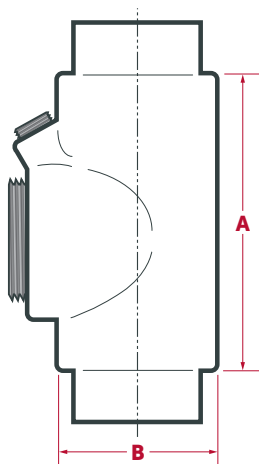
EYS - Female Hubs
(For Sealing in Vertical or Horizontal Positions)

Pipe Size	Ferrous Catalog #	Nominal Weight	A	B	Turning Radius	Aluminum Catalog #
1/2"	PREYS11	1.3	3.69	1.33	1.16	PREYS11SA
3/4"	PREYS21	1.1	3.69	1.58	1.25	PREYS21SA
1"	PREYS31	2.2	4.31	1.83	1.38	PREYS31SA
1-1/4"	PREYS41	3	5.06	2.27	1.72	-
1-1/2"	PREYS51	3.8	5.5	2.52	2.06	-
2"	PREYS61	5.5	6.25	3.08	2.31	-



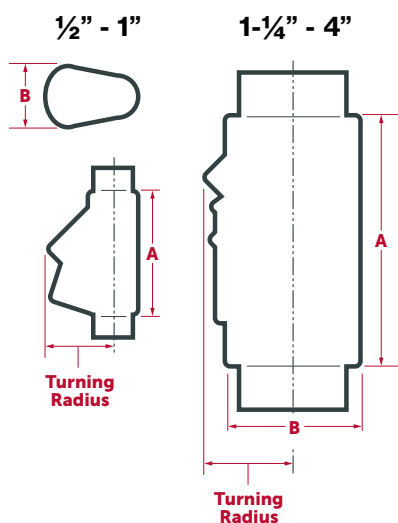
EYS - Male/Female Hubs
(For Sealing in Vertical or Horizontal Positions)

Pipe Size	Ferrous Catalog #	Nominal Weight	A	B	Turning Radius	Aluminum Catalog #
1/2"	PREYS116	1.5	3.69	1.33	1.16	PREYS116SA
3/4"	PREYS216	1.2	3.69	1.58	1.25	PREYS216SA
1"	PREYS316	2.6	4.31	1.83	1.38	PREYS316SA
1-1/4"	PREYS46	2.8	5.06	2.27	1.72	PREYS46SA
1-1/2"	PREYS56	3.7	5.50	2.52	2.06	PREYS56SA
2"	PREYS66	5.6	6.25	3.08	2.31	PREYS66SA
2-1/2"	PREYS76	13.2	7.50	3.58	2.69	PREYS76SA
3"	PREYS86	11.2	8.50	4.33	3.31	PREYS86SA
3-1/2"	PREYS96	14.5	9.19	4.83	3.44	PREYS96SA
4"	PREYS106	16.7	9.75	5.33	3.69	PREYS106SA



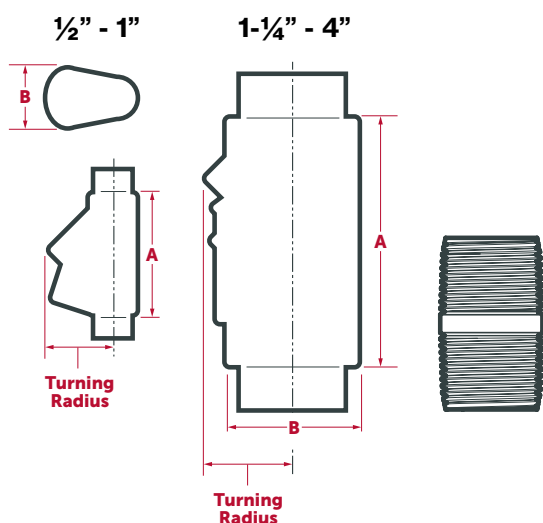
EYSX - Expanded Fill Female Hubs
(For Sealing in Vertical or Horizontal Positions)

Pipe Size	Ferrous Catalog #	Nominal Weight	A	B	Turning Radius	Aluminum Catalog #
1/2"	PREYSX11	1.5	3.69	1.58	1.25	PREYSX11SA
3/4"	PREYSX21	2.1	4.31	1.83	1.38	PREYSX21SA
1"	PREYSX31	2.7	5.06	2.27	1.72	PREYSX31SA
1-1/4"	PREYSX41	3.7	6.25	3.08	2.31	PREYSX41SA
1-1/2"	PREYSX51	4.7	6.25	3.08	2.31	PREYSX51SA
2"	PREYSX61	6.7	8.50	4.33	3.31	PREYSX61SA
2-1/2"	PREYSX71	7.7	9.19	4.83	3.44	PREYSX71SA
3"	PREYSX81	8.7	9.75	5.33	3.69	PREYSX81SA
3-1/2"	PREYSX9	9.7	11.06	6.58	4.59	PREYSX9SA
4"	PREYSX10	10.7	11.06	6.58	4.59	PREYSX10SA



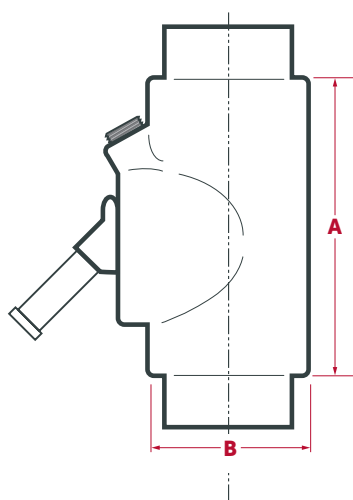
EYD - Female Hubs with Drain
(For Sealing in Vertical Positions Only)

Pipe Size	Ferrous Catalog #	Nominal Weight	A	B	Turning Radius	Aluminum Catalog #
1/2"	PREYD1	1.4	3.28	1.33	1.63	PREYD1SA
3/4"	PREYD2	1.7	3.69	1.58	1.91	PREYD2SA
1"	PREYD3	2.3	4.31	2.27	2.38	PREYD3SA
1-1/4"	PREYD4	2.5	5.06	2.27	1.84	PREYD4SA
1-1/2"	PREYD5	4.0	5.50	2.52	2.06	PREYD5SA
2"	PREYD6	4.7	6.25	3.08	2.31	PREYD6SA
2-1/2"	PREYD7	9.0	7.50	3.58	2.69	PREYD7SA
3"	PREYD8	10.2	8.50	4.33	3.31	PREYD8SA
3-1/2"	PREYD9	10.5	9.19	4.83	3.44	PREYD9SA
4"	PREYD10	16.0	9.75	5.33	3.50	PREYD10SA



EYD - Male/Female Hubs with Drain
(For Sealing in Vertical Positions Only)

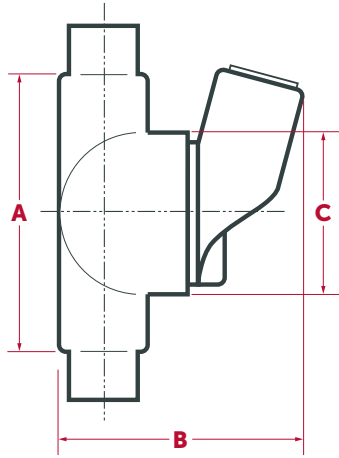
Pipe Size	Ferrous Catalog #	Nominal Weight	A	B	Turning Radius	Aluminum Catalog #
1/2"	PREYD16	2.7	3.28	1.33	1.63	PREYD16SA
3/4"	PREYD26	2.8	3.69	1.58	1.91	PREYD26SA
1"	PREYD36	2.9	4.31	2.27	2.38	PREYD36SA
1-1/4"	PREYD46	2.6	5.06	2.27	1.84	PREYD46SA
1-1/2"	PREYD56	3.7	5.50	2.52	2.06	PREYD56SA
2"	PREYD66	5.2	6.25	3.08	2.31	PREYD66SA
2-1/2"	PREYD76	9.5	7.50	3.58	2.69	PREYD76SA
3"	PREYD86	11.3	8.50	4.33	3.31	PREYD86SA
3-1/2"	PREYD96	12.5	9.19	4.83	3.44	PREYD96SA
4"	PREYD106	16.7	9.75	5.33	3.50	PREYD106SA



EYDX - Expanded Fill Female Hubs with Drain
(For Sealing in Vertical Positions Only)

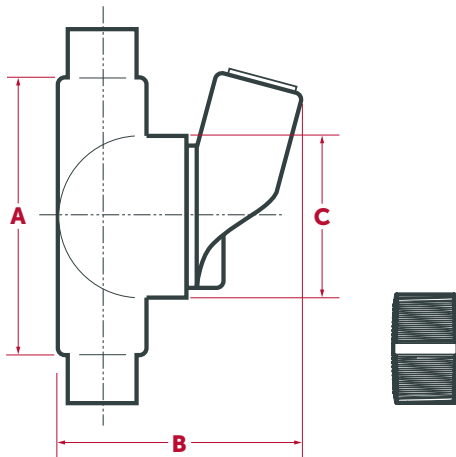
Pipe Size	Ferrous Catalog #	Nominal Weight	A	B	Turning Radius	Aluminum Catalog #
1/2"	PREYDX11	1.7	3.69	1.83	1.91	PREYDX1SA
3/4"	PREYDX21	2.3	4.31	2.27	2.38	PREYDX2SA
1"	PREYDX31	2.5	5.06	2.27	1.84	PREYDX3SA
1-1/4"	PREYDX41	4.0	6.25	3.08	2.31	PREYDX4SA
1-1/2"	PREYDX51	4.7	6.25	3.08	2.31	PREYDX5SA
2"	PREYDX61	9.0	8.50	4.33	3.31	PREYDX6SA
2-1/2"	PREYDX71	10.2	9.19	4.83	3.44	PREYDX7SA
3"	PREYDX81	10.5	9.75	5.33	3.50	PREYDX8SA

Sealing Fittings



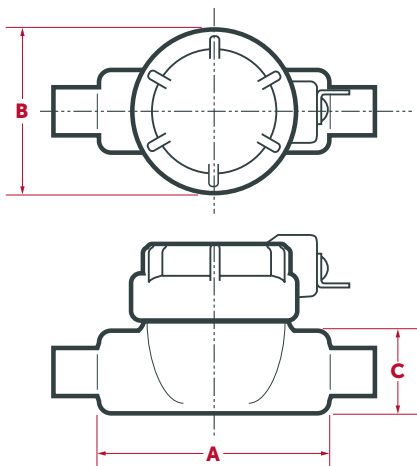
EZS - Female Hubs
(For Sealing in Any Position)

Pipe Size	Ferrous Catalog #	Nominal Weight	A	B	C	Turning Radius
1/2"	PREZS1	2.0	4.19	3.71	2.58	1.88
3/4"	PREZS2	2.3	4.19	3.71	2.58	1.88
1"	PREZS3	2.7	4.94	4.05	3.08	2.13
1-1/4"	PREZS4	3.5	5.06	4.49	3.08	2.31
1-1/2"	PREZS5	4.0	5.19	4.64	3.33	2.34
2"	PREZS6	8.2	7.06	5.49	5.27	3.28
2-1/2"	PREZS7	8.5	7.94	5.92	5.27	3.38
3"	PREZS8	9.0	8.63	6.58	5.96	3.88



EZS - Male/Female Hubs with Drain
(For Sealing in Any Position)

Pipe Size	Ferrous Catalog #	Nominal Weight	A	B	C	Turning Radius
1/2"	PREZS16	2.0	4.19	3.71	2.58	1.88
3/4"	PREZS26	2.4	4.19	3.71	2.58	1.88
1"	PREZS36	3.0	4.94	4.05	3.08	2.13
1-1/4"	PREZS46	4.0	5.06	4.49	3.08	2.31
1-1/2"	PREZS56	4.6	5.19	4.64	3.33	2.34
2"	PREZS66	6.9	7.06	5.49	5.27	3.28
2-1/2"	PREZS76	9.2	7.94	5.92	5.27	3.38
3"	PREZS86	8.7	8.63	6.58	5.96	3.88



EZD - Female Hubs with Drain and Inspection Cover
(For Sealing in Vertical Positions Only)

Pipe Size	Ferrous Catalog #	A	B	C	Turning Radius
1/2"	PREZD111	4.19	3.08	3.46	2.06
3/4"	PREZD211	4.19	3.08	3.71	2.19
1"	PREZD311	4.94	3.58	3.96	2.44
1-1/4"	PREZD411	4.94	3.58	4.39	2.63
1-1/2"	PREZD511	5.19	3.58	4.64	2.69
2"	PREZD611	7.13	5.64	5.33	3.69

Sealing Compounds



Description

Chico Sealing Compounds and fiber are used to form a seal around and between each electrical conductor, and inside of the sealing fitting to restrict the passage of gases, vapors, or flames.

Chico A Sealing Compound is a water soluble powder that can be easily mixed and poured. The dense compound expands slightly when hardening and bonds to inner walls of sealing fittings. **Chico A-P Intrapak** is packaged in a two compartment plastic pouch with precise amount of water for mixing. No measuring is required, speeding up the installation process. **Chico X fiber** forms a dam between the integral bushing of the sealing fitting and the end of the conduit and around the electrical conductors entering the hub. It is a mineral wool that packs easily, forming around each conductor.

Chico SpeedSeal compound lets you reliably install a complete explosionproof seal in five minutes. Chico SpeedSeal comes in a self-contained applicator kit that eliminates the need for measuring before mixing. Just pump to mix the material, inject the pre-measured amount, replace the plug and the fitting is sealed. Chico SpeedSeal expands after injection to tightly fill the entire fitting, automatically separating the conductors. The time-consuming and tedious task of packing fiber to separate the individual conductors is eliminated. Once cured, Chico SpeedSeal forms an explosionproof seal around each electrical conductor in Eaton's Crouse-Hinds series EYS and EYD sealing fittings, restricting the passage of gases, vapors, or flames through the sealing fitting.

Standards

CHICO A, CHICO A-P, CHICO X

- Class I, Division 1, Groups A, B, C, D
- Class II, Division 1, Groups E, F, G

CHICO SPEEDSEAL

- Class I, Division 1, Groups C, D
- Class II, Division 1, Groups E, F, G

Product Information

Catalog #	Description
PBCHICOA3	Chico A 1lb bucket
PBCHICOA4	Chico A 1lb bucket with 1oz Chico X Fiber
PBCHICOA05	Chico A 5lb bucket
PBCHICOA19PX	Chico A-P Intrapak 5 cubic inch fill
PBCHICOA39PX	Chico A-P Intrapak 11 cubic inch fill
PBCHICOSS2	Chico SpeedSeal 2oz
PBCHICOSS6	Chico SpeedSeal 6oz
PBCHICOX4	Chico X Fiber 2oz
PBCHICOX6	Chico X Fiber 8oz
PBCHICOX7	Chico X Fiber 1lb

ECGJH and ECLK Series Couplings



Description

EC Series Couplings are used in hazardous areas where a flexible member is required in a conduit system to accomplish difficult bends or to allow for movement or vibration of connected equipment or units.

Features

- 40 mil gray PVC exterior coating
- Rugged design to withstand explosive pressure (Class I) and mechanical abuse
- Liquid tight for wet locations
- For use where lack of space makes use of rigid conduit difficult
- Wire duct liner in sizes from 1/2" through 2" insulates against grounds and burn-through from short circuit
- No bonding jumpers required; metallic braid provides continuous electrical path
- ECGJH combination has two threaded male end fittings
- ECLK combination has one female union and one male threaded end fitting

Standards

NEC/CEC

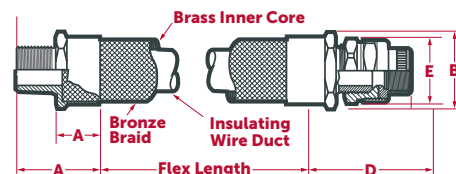
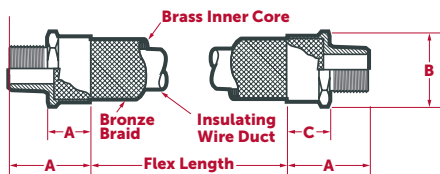
- 1/2" and 3/4": Class I, Division 1, Groups A, B, C, D
- 1" through 2": Class I, Division 1, Groups C, D
- All sizes for use in Class II, Division 1, Groups E, F, G; Class III

UL STANDARD

- UL 1203 (E476062)
- CSA C22.2 No. 30

STANDARD MATERIALS AND FITTINGS

- End fittings – 1/2" through 2": forged brass, natural; 2 1/2" through 4": stainless steel, natural
- Female unions – 1/2" through 1": steel, electrogalvanized with PVC coating; 1 1/4" through 4": Feraloy® iron alloy, electrogalvanized with PVC coating
- 1/2" through 2" have bronze braid covering and flexible brass inner core; packing is woven cotton braid impregnated with asphalt
- 2 1/2" through 4" have a Type 304 stainless steel braid



Dimensions (in Inches)

Hub Size	A	B	C	D	E
1/2"	1-7/8	1-1/2	1-1/8	3	1-9/16
3/4"	2-1/16	1-7/8	1-3/16	3-1/4	1-13/16
1"	2-1/2	2-1/8	1-1/2	3-5/8	1-7/8
1-1/4"	2-7/8	2-15/16	1-7/8	4-3/16	2-3/4
1-1/2"	3-5/16	3-1/2	1-7/8	5-3/16	3-1/16
2"	3-1/4	4-1/4	2	5-1/16	3-13/16
2-1/2"	3	4-7/16	1-5/8	5-1/16	4-5/16
3"	3-1/8	4-9/16	1-3/4	5-3/8	5-1/16
4"	4-5/8	4-15/16	3-1/4	7-1/2	6-3/16

Minimum Recommended Radius of Bend

Hub Size	Radius
1/2"	10
3/4"	12
1"	14
1-1/4"	14
1-1/2"	16
2"	16
2-1/2"	16
3"	18
4"	30

ECGJH - Male/Male

Flexible Length	Hub Size	Catalog #
4	1/2	PBECGJH14
4	3/4	PBECGJH24
6	1/2	PBECGJH16
6	3/4	PBECGJH26
6	1	PBECGJH36
8	1/2	PBECGJH18
8	3/4	PBECGJH28
8	1	PBECGJH38
10	1/2	PBECGJH110
10	3/4	PBECGJH210
10	1	PBECGJH310
12	1/2	PBECGJH112
12	3/4	PBECGJH212
12	1	PBECGJH312
12	1-1/4	PBECGJH412
12	1-1/2	PBECGJH512
12	2	PBECGJH612
12	2-1/2	PBECGJH712
12	3	PBECGJH812
12	4	PBECGJH1012
15	1/2	PBECGJH115
15	3/4	PBECGJH215
15	1	PBECGJH315

ECGJH - Male/Male

Flexible Length	Hub Size	Catalog #
15	1-1/4	PBECGJH415
15	1-1/2	PBECGJH515
15	2	PBECGJH615
15	2-1/2	PBECGJH715
15	3	PBECGJH815
15	4	PBECGJH1015
18	1/2	PBECGJH118
18	3/4	PBECGJH218
18	1	PBECGJH318
18	1-1/4	PBECGJH418
18	1-1/2	PBECGJH518
18	2	PBECGJH618
18	2-1/2	PBECGJH718
18	3	PBECGJH818
18	4	PBECGJH1018
21	1/2	PBECGJH121
21	3/4	PBECGJH221
21	1	PBECGJH321
21	1-1/4	PBECGJH421
21	1-1/2	PBECGJH521
21	2	PBECGJH621
21	2-1/2	PBECGJH721
21	3	PBECGJH821

ECGJH - Male/Male

Flexible Length	Hub Size	Catalog #
21	4	PBECGJH1021
24	1/2	PBECGJH124
24	3/4	PBECGJH224
24	1	PBECGJH324
24	1-1/4	PBECGJH424
24	1-1/2	PBECGJH524
24	2	PBECGJH624
24	2-1/2	PBECGJH724
24	3	PBECGJH824
24	4	PBECGJH1024
27	1/2	PBECGJH127
27	3/4	PBECGJH227
27	1	PBECGJH327
27	1-1/4	PBECGJH427
27	1-1/2	PBECGJH527
27	2	PBECGJH627
27	2-1/2	PBECGJH727
27	3	PBECGJH827
27	4	PBECGJH1027
30	1/2	PBECGJH130
30	3/4	PBECGJH230
30	1	PBECGJH330
30	1-1/4	PBECGJH430

ECGJH - Male/Male

Flexible Length	Hub Size	Catalog #
30	1-1/2	PBECGJH530
30	2	PBECGJH630
30	2-1/2	PBECGJH730
30	3	PBECGJH830
30	4	PBECGJH1030
33	1/2	PBECGJH133
33	3/4	PBECGJH233
33	1	PBECGJH333
33	1-1/4	PBECGJH433
33	1-1/2	PBECGJH533
33	2	PBECGJH633
33	2-1/2	PBECGJH733
33	3	PBECGJH833
33	4	PBECGJH1033
36	1/2	PBECGJH136
36	3/4	PBECGJH236
36	1	PBECGJH336
36	1-1/4	PBECGJH436
36	1-1/2	PBECGJH536
36	2	PBECGJH636
36	2-1/2	PBECGJH736
36	3	PBECGJH836
36	4	PBECGJH1036

ECLK - Male/Female

Flexible Length	Hub Size	Catalog #
4	1/2	PBECLK14
4	3/4	PBECLK24
6	1/2	PBECLK16
6	3/4	PBECLK26
6	1	PBECLK36
8	1/2	PBECLK18
8	3/4	PBECLK28
8	1	PBECLK38
10	1/2	PBECLK110
10	3/4	PBECLK210
10	1	PBECLK310
12	1/2	PBECLK112
12	3/4	PBECLK212
12	1	PBECLK312
12	1-1/4	PBECLK412
12	1-1/2	PBECLK512
12	2	PBECLK612
12	2-1/2	PBECLK712
12	3	PBECLK812
12	4	PBECLK1012
15	1/2	PBECLK115
15	3/4	PBECLK215
15	1	PBECLK315

ECLK - Male/Female

Flexible Length	Hub Size	Catalog #
15	1-1/4	PBECLK415
15	1-1/2	PBECLK515
15	2	PBECLK615
15	2-1/2	PBECLK715
15	3	PBECLK815
15	4	PBECLK1015
18	1/2	PBECLK118
18	3/4	PBECLK218
18	1	PBECLK318
18	1-1/4	PBECLK418
18	1-1/2	PBECLK518
18	2	PBECLK618
18	2-1/2	PBECLK718
18	3	PBECLK818
18	4	PBECLK1018
21	1/2	PBECLK121
21	3/4	PBECLK221
21	1	PBECLK321
21	1-1/4	PBECLK421
21	1-1/2	PBECLK521
21	2	PBECLK621
21	2-1/2	PBECLK721
21	3	PBECLK821

ECLK - Male/Female

Flexible Length	Hub Size	Catalog #
21	4	PBECLK1021
24	1/2	PBECLK124
24	3/4	PBECLK224
24	1	PBECLK324
24	1-1/4	PBECLK424
24	1-1/2	PBECLK524
24	2	PBECLK624
24	2-1/2	PBECLK724
24	3	PBECLK824
24	4	PBECLK1024
27	1/2	PBECLK127
27	3/4	PBECLK227
27	1	PBECLK327
27	1-1/4	PBECLK427
27	1-1/2	PBECLK527
27	2	PBECLK627
27	2-1/2	PBECLK727
27	3	PBECLK827
27	4	PBECLK1027
30	1/2	PBECLK130
30	3/4	PBECLK230
30	1	PBECLK330
30	1-1/4	PBECLK430

ECLK - Male/Female

Flexible Length	Hub Size	Catalog #
30	1-1/2	PBECLK530
30	2	PBECLK630
30	2-1/2	PBECLK730
30	3	PBECLK830
30	4	PBECLK1030
33	1/2	PBECLK133
33	3/4	PBECLK233
33	1	PBECLK333
33	1-1/4	PBECLK433
33	1-1/2	PBECLK533
33	2	PBECLK633
33	2-1/2	PBECLK733
33	3	PBECLK833
33	4	PBECLK1033
36	1/2	PBECLK136
36	3/4	PBECLK236
36	1	PBECLK336
36	1-1/4	PBECLK436
36	1-1/2	PBECLK536
36	2	PBECLK636
36	2-1/2	PBECLK736
36	3	PBECLK836
36	4	PBECLK1036

OE Series Outlet Boxes



Description

Plasti-Bond OE Series Conduit Outlet Boxes are installed in hazardous location conduit systems to serve as pulling and splicing fittings, connect runs of conduit, change the direction of a conduit run, or to provide access to conductors. They are provided with covers. Electrical continuity of the conduit system is maintained across assembled joints.

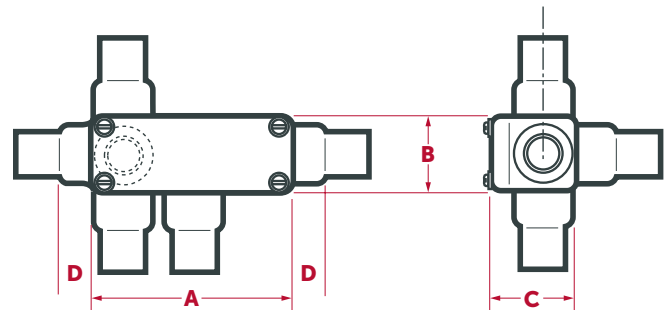
Features

- 40 mil gray PVC exterior coating
- 2 mil red urethane interior coating
- Available in 1/2" or 3/4" trade sizes
- PVC-coating on outer edge of cover provides additional protection to seal out corrosives
- Sealing sleeves on all female conduit openings
- Compact design saves space
- Encapsulated stainless steel cover screws

Standards

NEC/CEC

- Class I, Division 1 & 2, Groups C, D
- Class II, Division 1, Groups E, F, G
- Class II, Division 2, Groups F, G
- Class III



OELB Outlet Boxes

Pipe Size	Ferrous Catalog #	Nominal Weight	A	B	C	D
1/2"	PROELB1	2.2	4.14	1.64	1.89	0.69
3/4"	PROELB2	3.0	4.39	1.96	2.14	0.69

OET Outlet Boxes

Pipe Size	Ferrous Catalog #	Nominal Weight	A	B	C	D
1/2"	PROET1	2.2	4.14	1.64	1.89	0.69
3/4"	PROET2	3.0	4.39	1.96	2.14	0.69

OE Screw Kit

Catalog #	Description	Quantity
PBSCREW-KIT-7	1/2" OE ENCAP Screws	4
PBSCREW-KIT-8	3/4" OE ENCAP Screws	4

Support Products

Pipe Straps

Description

Plasti-Bond PVC-Coated Pipe Straps are used to securely mount conduit to a wall or other structure for support. They are available in two styles: a one-hole malleable iron strap or a two-hole stamped steel strap. Mounting hardware not provided.



Conduit Pipe Strap - 1 Hole

Pipe Size	Ferrous Catalog #	Nominal Weight for 100
1/2"	PBPS11M	11
3/4"	PBPS22M	14
1"	PBPS33M	12
1-1/4"	PBPS44M	25
1-1/2"	PBPS55M	36
2"	PBPS66M	71
2-1/2"	PBPS77M	111
3"	PBPS88M	134
3-1/2"	PBPS99M	166
4"	PBPS100M	256

Features

- 20 mil gray PVC exterior coating
- 10 trade sizes from 1/2" through 4"



Conduit Pipe Strap - 2 Hole

Pipe Size	Ferrous Catalog #	Nominal Weight for 100
1/2"	PBPS11S-2	2.0
3/4"	PBPS22S-2	3.0
1"	PBPS33S-2	4.0
1-1/4"	PBPS44S-2	4.5
1-1/2"	PBPS55S-2	5.0
2"	PBPS66S-2	10.0
2-1/2"	PBPS77S-2	13.0
3"	PBPS88S-2	17.0
3-1/2"	PBPS99S-2	20.0
4"	PBPS100S-2	25.0

Clamp Back Spacers

Description

Plasti-Bond PVC-Coated Clamp Back Spacers are used with malleable or stamped pipe straps to provide a mounting stand-off for a conduit from a wall or other structure.

Features

- 20 mil gray PVC exterior coating
- 10 trade sizes from 1/2" through 4"



Product Information

Pipe Size	Ferrous Catalog #	Nominal Weight Each
1/2"	PBCLB-M50	0.1
3/4"	PBCLB-M75	0.1
1"	PBCLB-M100	0.1
1-1/4"	PBCLB-M125	0.2
1-1/2"	PBCLB-M150	0.2
2"	PBCLB-M200	0.3
2-1/2"	PBCLB-M250	1.0
3"	PBCLB-M300	1.7
3-1/2"	PBCLB-M350	1.8
4"	PBCLB-M400	2.0

Conduit Clamp Hangers



Description

Plasti-Bond PVC-Coated Conduit Clamp Hangers are used with threaded rod to securely suspend conduit runs supported from above. They are provided with stainless steel hardware.

Features

- 20 mil gray PVC exterior coating
- 10 trade sizes from 1/2" through 4"

Product Information

Pipe Size	Catalog #	Nominal Weight
1/2"	PB6H0B	0.1
3/4"	PB6H1B	0.1
1"	PB6H2B	0.1
1-1/4"	PB6H3B	0.1
1-1/2"	PB6H4B	0.2
2"	PB6H5B	0.3
2-1/2"	PB6H6B	0.4
3"	PB6H7B	0.5
3-1/2"	PB6H8B	0.6
4"	PB6H9B	0.7

Sanitary 2 Piece Clamps for PVC-Coated Conduit



Description

Sanitary 2 Piece Clamps for PVC-Coated Conduit are used to securely support PVC-Coated Conduit. Available in 1/2" - 2" trade sizes these two-pieces hangers are constructed of corrosion resistant stainless steel top and bottom plates, black silicone inserts and assembled with captive stainless steel hardware with no exposed threads. Attachment is made by threading 3/8" Rocket Rod or bald rod into the integral 3/8"-16 threaded coupling of the hanger.

Product Information

Catalog #	Description
RRHPC.PIPE50-PVC	Sanitary 2 Piece Clamp for 1/2" PVC-Coated Conduit 3/8" - 16 Threaded Coupling
RRHPC.PIPE75-PVC	Sanitary 2 Piece Clamp for 3/4" PVC-Coated Conduit 3/8" - 16 Threaded Coupling
RRHPC.PIPE1-PVC	Sanitary 2 Piece Clamp for 1" PVC-Coated Conduit 3/8" - 16 Threaded Coupling
RRHPC.PIPE125-PVC	Sanitary 2 Piece Clamp for 1-1/4" PVC-Coated Conduit 3/8" - 16 Threaded Coupling
RRHPC.PIPE150-PVC	Sanitary 2 Piece Clamp for 1-1/2" PVC-Coated Conduit 3/8" - 16 Threaded Coupling
RRHPC.PIPE2-PVC	Sanitary 2 Piece Clamp for 2" PVC-Coated Conduit 1/2" - 13 Threaded Coupling

PVC-Coated All Thread Rod



Description

PVC-Coated All Thread Rod is used as a fastening or supporting means in electrical and mechanical installations in industrial facilities – inside or outside - where corrosion is a concern. Typical uses include overhead and trapeze mounting with coated products like conduit and pipe hangers, beam clamps, strut, split ring hangers, and stainless steel or aluminum Rocket Rack® Standard support platform products.

Features

- Available in 1/2" & 3/8" diameter rod in 6' & 12' lengths
- Black PVC exterior coating with inner adhesive liner for permanent impermeable seal
- 304 stainless rod for strength and corrosion resistance
- All thread design eliminates need for field threading

Product Information

Size	Catalog #
1/2" X 6'	PBCR304061/2
3/8" X 6'	PBCR304063/8
1/2" X 12'	PBCR304121/2
3/8" X 12'	PBCR304123/8

Rod Stripping Tool



Description

The Rod Stripping Tool is used to safely and efficiently strip the coating from PVC-Coated All Thread Rod exposing the desired number of threads required for installation.

Available in 2 sizes for use with the most common threaded rod sizes. Anodized colored thumb screws (red for 3/8" trade size and black for 1/2" trade size) make identification quick and easy. This valuable tool simplifies prep work and reduces the risk of error with adjustable thumb screws that can be moved to align with the desired strip length.

Features

- Available for use with 1/2" or 3/8" diameter rod
- Aluminum, rounded body is light-weight and ergonomically designed with knurled surface for easy gripping
- Hardened steel stripping blades for clean cuts & long dependable service
- Anodized thumb locking screw can be moved to one of four predetermined strip lengths
- Marking clearly identifies strip lengths for each screw setting
- Convenient QR code gives the installer additional instructions

Product Information

Catalog #	Description	Weight Per Pricing Unit (Lbs.)
RSRST12	Rod Stripping Tool for Use with 1/2"	0.34
RSRST38	Rod Stripping Tool for Use with 3/8"	0.36

PVC-Coated Strut Straps and J Hangers

Description

Plasti-Bond PVC-Coated Strut Straps and J Hangers are used with coated strut to support conduit installations in a variety of configurations. Strut straps may be used in either vertical or horizontal positions to support conduit. Both are provided with stainless steel hardware. Conduit spacing may be as close together as allowed by the couplings. J Hangers may be used with hanger rods or other means of support to securely fasten conduit runs.

Features

- 20 mil gray PVC exterior coating
- Available in 11 trade sizes



PVC-Coated Strut Straps

Size	Ferrous Catalog #	Gauge Metal	Weight for 100 Pcs	Std Pack
1/2"	PBC105-1/2	14	13.0	100
3/4"	PBC105-3/4	14	15.0	100
1"	PBC105-1	14	17.0	100
1-1/4"	PBC105-1-1/4	12	19.5	100
1-1/2"	PBC105-1-1/2	12	28.0	100
2"	PBC105-2	12	31.0	50
2-1/2"	PBC105-2-1/2	12	36.0	50
3"	PBC105-3	12	42.0	50
3-1/2"	PBC105-3-1/2	11	56.0	25
4"	PBC105-4	11	64.0	25
5"	PBC105-5	10	76.0	25



PVC-Coated J Hangers

Size	Ferrous Catalog #	Weight for 100 Pcs	Std Pack
1/2"	PBC149-1/2	18	25
3/4"	PBC149-3/4	21	25
1"	PBC149-1	22	25
1-1/4"	PBC149-1-1/4	25	25
1-1/2"	PBC149-1-1/2	27	25
2"	PBC149-2	29	25
2-1/2"	PBC149-2-1/2	64	25
3"	PBC149-3	72	25
3-1/2"	PBC149-3-1/2	84	25
4"	PBC149-4	138	10
5"	PBC149-5	162	10

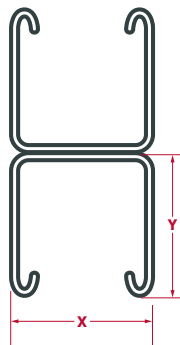
PVC-Coated Ferrous Struts

Description

Plasti-Bond PVC-Coated Strut is a versatile system of structural elements that can be used to build supports for a variety of applications. When combined with coated conduit hangers and other accessories, coated strut is a versatile and economical way to provide reliable support for conduit runs and other electrical and mechanical installations.

Features

- 20 mil gray PVC exterior coating
- 2 trade sizes and 3 standard styles



PVC-Coated Strut Nuts

Description

Plasti-Bond PVC-Coated Strut Nuts are used to assemble strut components and to secure coated all thread rod in a section of strut. These are available with or without a spring to aid in placement and assembly.

Features

- 20 mil gray PVC exterior coating
- 10 trade sizes from 1/2" through 4"



PBB911



PBB914



PBB910

Product Information

Pipe Size	Ferrous Catalog #
3/8"	PBB910-3/8
1/2"	PBB910-1/2
3/8"	PBB911-3/8
1/2"	PBB911-1/2
3/8"	PBB914-3/8
1/2"	PBB914-1/2

Support Products

Beam Clamps and U-Bolts

Description

Plasti-Bond PVC-Coated Beam Clamps are used to securely support conduit runs by attaching them to beams, angles, trusses, and other structural members. They are available in the following styles:

Window Clamp – to attach strut at a 90° angle to a beam or structural member

Parallel – to attach the conduit run parallel to a beam or structural member

Edge – to attach the conduit run at a 90° angle to a thin beam or structural member

Right Angle – to attach the conduit run at a 90° angle to a beam or structural member

U-Bolt – to attach the conduit run to a structural member or support

Hanger Rod Beam Clamp – to attach a single all thread rod to a beam or structural member



Parallel Conduit Clamps

Pipe Size	Ferrous Catalog #	Nominal Weight
1/2"	PBPAR-1/2	46.8
3/4"	PBPAR-3/4	63.0
1"	PBPAR-1	67.0
1-1/4"	PBPAR-1-1/4	100.0
1-1/2"	PBPAR-1-1/2	130.0
2"	PBPAR-2	158.0
2-1/2"	PBPAR-2-1/2	175.0
3"	PBPAR-3	200.0
3-1/2"	PBPAR-3-1/2	250.0
4"	PBPAR-4	275.0

Features

- 20 mil minimum gray PVC exterior coating on all types of beam clamps
- Right angle clamps supplied with plastic encapsulated screws
- All clamps specifically sized to fit PVC-coated conduit
- Right angle and parallel clamps available in 10 trade sizes from 1/2" through 4"
- Edge clamps available in 3 trade sizes from 1/2" through 1"
- Hanger rod beam clamps available with 5 different jaw openings from 1 5/16" through 2 1/8"
- U-Bolts available in 12 trade sizes from 1/2" through 6"



PVC-Coated Nuts

Ferrous Catalog #	Description
PBNUT-KIT-1	5/16" ENC NUTS-RA, UBLT 1/2" to 1-1/4"
PBNUT-KIT-2	3/8" ENC NUTS-RA, UBLT 1-1/2" to 6"



Strut Window Beam Clamps

Ferrous Catalog #	Nominal Weight
PBB441-22	0.9
PBB441-22A	0.9



Edge-Style Conduit Clamps

Pipe Size	Ferrous Catalog #	Nominal Weight
1/2"	PBEDGE-1/2	74.0
3/4"	PBEDGE-3/4	90.0
1"	PBEDGE-1	100.0



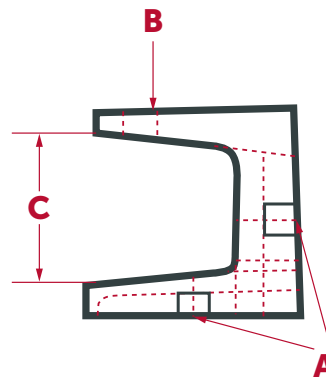
Right Angle Conduit Clamps

Pipe Size	Ferrous Catalog #	Nominal Weight
1/2"	PBRA-1/2	49.0
3/4"	PBRA-3/4	53.0
1"	PBRA-1	61.0
1-1/4"	PBRA-1-1/4	65.0
1-1/2"	PBRA-1-1/2	92.0
2"	PBRA-2	100.0
2-1/2"	PBRA-2-1/2	125.0
3"	PBRA-3	150.0
3-1/2"	PBRA-3-1/2	175.0
4"	PBRA-4	198.0



Conduit U-Bolts

Pipe Size	Ferrous Catalog #	Nominal Weight
1/2"	PBU-BOLT-1/2	17.0
3/4"	PBU-BOLT-3/4	18.0
1"	PBU-BOLT-1	20.0
1-1/4"	PBU-BOLT-1-1/4	20.0
1-1/2"	PBU-BOLT-1-1/2	31.0
2"	PBU-BOLT-2	34.0
2-1/2"	PBU-BOLT-2-1/2	39.0
3"	PBU-BOLT-3	44.0
3-1/2"	PBU-BOLT-3-1/2	45.0
4"	PBU-BOLT-4	49.0
5"	PBU-BOLT-5	100.0
6"	PBU-BOLT-6	130.0

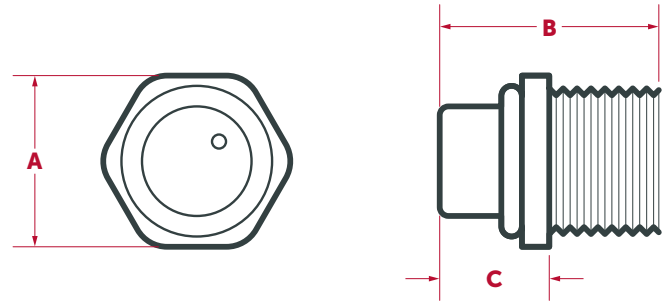


Hanger Rod Beam Clamps

Ferrous Catalog #	A Threaded Hole	B Bolt Size	C Jaw Opening	Maximum Load
PB500	1/4" – 20	5/16" – 18	25/32"	120
PB501	5/16" – 18	3/8" – 16	27/32"	300
PB502	3/8" – 16	1/2" – 13	1-3/32"	300
PB503	1/2" – 13	5/8" – 11	15/16"	600
PB508	1/2" – 13	1/2" – 13	2-3/32"	1250

Stainless Steel Accessories

Drain Plugs



Description

Robroy Stainless Drain Plugs allow for an easy method to drain an assembly reducing accumulation of water, fluids, and condensation. Locknut included as standard.

Product Information

Catalog #	Description	Weight Each (lbs.)	A Width Across Flats (in.)	B Length (in.)	C Outside Length (in.)
RSDP116	Drain Plug 1/2" 316	0.11	0.98	1.26	0.63
RSDP216	Drain Plug 3/4" 316	0.16	1.18	1.26	0.63

Hygienic Plugs



Standards

- cULus Listed
- UL 1203 (E476062)
- CSA 22.2 No. 25-17
- CSA 22.2 No. 30

NEC/CEC

- Class I, Division 1, Groups A, B, C, D
- Class II, Division 1, Groups E, F, G

Description

Robroy Stainless Hygienic Plugs are 316 stainless steel and are specially designed for the hygienic system. These can be used in conjunction with hygienic reducers to accommodate larger trade sizes. Plugs are also listed for hazardous locations.

Product Information

Catalog #	Description	Weight Each (lbs.)	Overall Length (in.)	Outside Diameter (in.)
RSPLG116	Hygienic Plug 1/2" 316	0.21	1.50	0.84
RSPLG216	Hygienic Plug 3/4" 316	0.33	1.50	1.05

Low Point Drains



Description

Robroy Stainless Low Point Drains are designed to be used in connection with Robroy Stainless conduit bodies and provide an exit point for water or accumulated condensation in electrical raceway systems. The sleek, rounded construction adheres with hygienic design principles. The low point drain is available in 1/2", 3/4" & 1" trade sizes and is produced from corrosion resistant 316 grade stainless steel.

Standards

- cULus Listed
- UL 514A (E511845)
- CSA C22.2 No. 18-1

Product Information

Catalog #	Description	Weight Each (lbs.)
RSLPD116	Low Point Drain 1/2" 316	0.11
RSLPD216	Low Point Drain 3/4" 316	0.16
RSLPD316	Low Point Drain 1" 316	0.21

One and Two Hole Straps



Description

Robroy Stainless One and Two Hole Straps are made from 316 stainless steel and are used to secure conduit to a wall or other types of supports.

Standards

- cULus Listed
- UL 2239 (E216996)

Product Information

Catalog #	Description	Weight Each (lbs.)
RS1HS116	One Hole Strap 1/2" 316	0.03
RS1HS216	One Hole Strap 3/4" 316	0.05
RS1HS316	One Hole Strap 1" 316	0.06
RS1HS416	One Hole Strap 1-1/4" 316	0.08
RS1HS516	One Hole Strap 1-1/2" 316	0.16
RS1HS616	One Hole Strap 2" 316	0.22
RS1HS716	One Hole Strap 2-1/2" 316	0.49
RS1HS816	One Hole Strap 3" 316	0.56
RS1HS1016	One Hole Strap 4" 316	0.69
RS2HS116	Two Hole Strap 1/2" 316	0.02
RS2HS216	Two Hole Strap 3/4" 316	0.03
RS2HS316	Two Hole Strap 1" 316	0.04
RS2HS416	Two Hole Strap 1-1/4" 316	0.06
RS2HS516	Two Hole Strap 1-1/2" 316	0.07
RS2HS616	Two Hole Strap 2" 316	0.10
RS2HS716	Two Hole Strap 2-1/2" 316	0.18
RS2HS816	Two Hole Strap 3" 316	0.21
RS2HS1016	Two Hole Strap 4" 316	0.27

Stainless Steel Accessories

Clamp Back Spacers

Description

Robroy Stainless Universal Clamp Back Spacer is designed for use with stainless steel rigid conduit and stainless steel one and two hole mounting straps to provide additional spacing between conduit and wall or mounting surface. Quarter inch raise provides gap from surface to facilitate turning or connecting conduit. Unique design allows for use in securing ½" or ¾" trade size conduit in conjunction with a one strap or ½", ¾" or 1" trade size conduit with a two hole strap. Stamped 316 stainless steel material provides strong, sturdy construction and superior corrosion resistance.



Standards

- UL Listed
- UL 2239 (E216996)
- CSA C22.2 No. 18.4

Product Information

Catalog #	Description	Weight Each (lbs.)
RSCBS12316	Universal Clamp Back Spacer 1/2" - 1" 316	0.11

Right Angle Clamps



Description

Robroy Stainless Right Angle Clamps are made from 316 stainless steel and are designed to secure rigid or PVC-coated conduit perpendicular to beam, channel, and angle supports.

Standards

- cULus Listed
- UL 2239 (E216996)

Product Information

Catalog #	Description	Weight Each (lbs.)
RSRAC116	Right Angle Clamp 1/2" 316	0.30
RSRAC216	Right Angle Clamp 3/4" 316	0.34
RSRAC316	Right Angle Clamp 1" 316	0.39
RSRAC416	Right Angle Clamp 1-1/4" 316	0.44
RSRAC516	Right Angle Clamp 1-1/2" 316	0.52
RSRAC616	Right Angle Clamp 2" 316	0.71
RSRAC716	Right Angle Clamp 2-1/2" 316	0.90
RSRAC816	Right Angle Clamp 3" 316	1.04
RSRAC1016	Right Angle Clamp 4" 316	1.27

Parallel Clamps

Description

Robroy Stainless Parallel Clamps are made from 316 stainless steel and are designed for use with rigid or PVC-coated conduit to run pipe or conduit parallel to the flange of I-beams or channel simply and easily without drilling holes.

Standards

- cULus Listed
- UL 2239 (E216996)



Product Information

Catalog #	Description	Weight Each (lbs.)
RSPAR216	Parallel Clamp 3/4" 316	0.56
RSPAR316	Parallel Clamp 1" 316	0.58

Locknuts



Description

Robroy Stainless Locknuts are made from 316 stainless steel and are used to connect and secure threaded rigid conduit to an enclosure or outlet box.

Standards

- cULus Listed
- UL 514B (E200413)

Product Information

Catalog #	Description	Weight Each (lbs.)
RSLN116	Locknut 1/2" 316	0.01
RSLN216	Locknut 3/4" 316	0.02
RSLN316	Locknut 1" 316	0.03
RSLN416	Locknut 1-1/4" 316	0.04
RSLN516	Locknut 1-1/2" 316	0.05
RSLN616	Locknut 2" 316	0.06

Stainless Steel Accessories

All Thread Rod



Description

Robroy Stainless All Thread Rod is used as a fastening or supporting means in electrical and mechanical installations in industrial facilities – inside or outside - where corrosion is a concern. Typical uses include overhead and trapeze mounting with conduit and pipe hangers, beam clamps, strut, and split ring hangers.

Product Information

Catalog #	Description	Weight Each (lbs.)
RSATR304063/8	3/8" x 6 Foot 304 ATR Hanger Rod	1.875
RSATR304123/8	3/8" x 12 Foot 304 ATR Hanger Rod	3.75
RSATR304061/2	1/2" x 6 Foot 304 ATR Hanger Rod	3.36
RSATR304121/2	1/2" x 12 Foot 304 ATR Hanger Rod	6.72

Beam Clamps



Description

Robroy Stainless Beam Clamps are used for hanging conduit, cable tray, or cables from a wall or ceiling. Beam Clamps provide a means of attachment to a structural member without having to drill holes. Robroy Stainless Beam Clamps have been tested and are UL listed to UL2239 for support when using either the bottom threaded hole or the threaded hole out the back of the Beam Clamp and with beam flanges $\frac{1}{4}$ " through $\frac{3}{4}$ ". The ability for attachment in the back or bottom and the wide range of flange thicknesses provides installation flexibility. The 316 stainless square head bolt is provided with the Beam Clamp for mechanical attachment/securing using common tools. The 316 stainless steel cast body construction is strong and provides the highest resistance to rust and corrosion for long dependable service in applications where corrosion resistance is required.

Features

- Available in 3 sizes: $\frac{1}{4}$ " - 20, $\frac{3}{8}$ " - 16, and $\frac{1}{2}$ " - 13
- 316 stainless steel construction for maximum corrosion resistance and strength
- Third party certified to UL2239 for safety compliance using either the bottom or back hole and with various beam edge thicknesses
- Threaded attachment hole in the back and bottom for installation flexibility
- Load ratings include a safety factor of 3

Standards

- UL 2239 (E216996)

Product Information

Catalog #	Description	Max Beam Flange (in.)	Weight Each (lbs.)	Design Load (lbs.)
RSBC116	Beam Clamp for $\frac{1}{4}$ " - 20 Threaded Rod	0.75	0.25	150
RSBC216	Beam Clamp for $\frac{3}{8}$ " - 16 Threaded Rod	1	0.80	750
RSBC316	Beam Clamp $\frac{1}{2}$ " - 13 Threaded Rod	1	1.48	1100

Stainless Steel Accessories

Conduit Hangers



Description

Robroy Stainless Conduit Hangers are designed to be used with threaded rod, beam clamps, etc. to suspend conduit from I-beams, flanges, etc. All conduit hangers are made from 316 stainless steel and come with a 316 stainless steel bolt and nut.

Standards

- cULus Listed
- UL 2239 (E216996)

Product Information

Catalog #	Description	Weight Each (lbs.)
RSCH116	Conduit Hanger 1/2" 316	0.06
RSCH216	Conduit Hanger 3/4" 316	0.06
RSCH316	Conduit Hanger 1" 316	0.10
RSCH416	Conduit Hanger 1-1/4" 316	0.11
RSCH516	Conduit Hanger 1-1/2" 316	0.16
RSCH616	Conduit Hanger 2" 316	0.18
RSCH716	Conduit Hanger 2-1/2" 316	0.25
RSCH816	Conduit Hanger 3" 316	0.29
RSCH1016	Conduit Hanger 4" 316	0.35

Slotted Struts



Description

Robroy Stainless Slotted Strut is available in 304 or 316 stainless steel and provides framework and support for conduit systems. The slotted hole design allows for fastening at various points.

Product Information

Catalog #	Description	Weight Each (lbs.)
RSA-4PLH-304X10	Slotted Strut 7/8" 304	10.00
RSA-1PLH-304X10	Slotted Strut 1-5/8" 304	19.00
RSA-4PLH-316X10	Slotted Strut 7/8" 316	10.00
RSA-1PLH-316X10	Slotted Strut 1-5/8" 316	19.00

Back to Back Slotted Struts



Description

Robroy Stainless Back to Back Slotted Strut is available in 304 or 316 stainless steel and provides framework and support for conduit systems. The slotted hole design allows for fastening at various points.

Product Information

Catalog #	Description	Weight Each (lbs.)
RSA-1201PLH-304X10	Back To Back Slotted Strut 1-5/8" 304	38.00
RSA-1201PLH-316X10	Back To Back Slotted Strut 1-5/8" 316	38.00

Rigid Strut Straps



Description

Robroy Stainless Rigid Strut Straps are designed to be used with strut in order to secure a conduit run. Robroy Stainless Rigid Strut Straps are available in 316 stainless steel.

Product Information

Catalog #	Description	Weight Each (lbs.)
RSP-1050-316	Rigid Strut Straps 1/2" 316	1.05
RSP-1075-316	Rigid Strut Straps 3/4" 316	1.45
RSP-1100-316	Rigid Strut Straps 1" 316	1.65
RSP-1125-316	Rigid Strut Straps 1-1/4" 316	1.90
RSP-1150-316	Rigid Strut Straps 1-1/2" 316	3.00
RSP-1200-316	Rigid Strut Straps 2" 316	3.30
RSP-1250-316	Rigid Strut Straps 2-1/2" 316	3.90
RSP-1300-316	Rigid Strut Straps 3" 316	4.40
RSP-1400-316	Rigid Strut Straps 4" 316	6.20

Strut Nut with Springs



Description

Robroy Stainless Strut Nuts with Spring help secure components in a strut system and are available in 316 stainless steel.

Product Information

Catalog #	Description	Weight Each (lbs.)
RSSN-1025-316	1/4" Strut Nut with Spring 316	0.10
RSSN-1037-316	3/8" Strut Nut with Spring 316	0.10
RSSN-1050-316	1/2" Strut Nut with Spring 316	0.10

Stainless Steel Accessories

Brackets



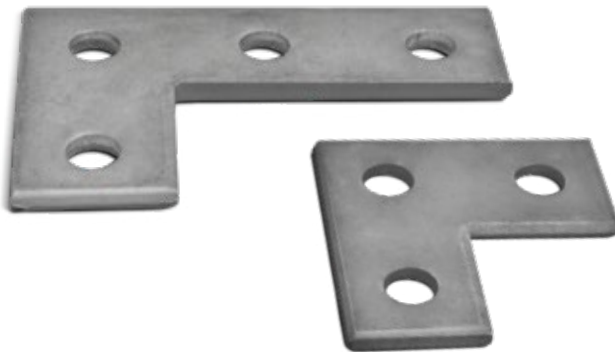
Description

Robroy Stainless Brackets are used to connect stainless steel strut. They are constructed of 316 stainless steel and hole size is $\frac{3}{16}$ ".

Product Information

Catalog #	Description	Weight Each (lbs.)
RSF-2202-316	2 Hole Bracket 316	0.40
RSF-2407-316	4 Hole Angle Bracket 316	0.84

Flat Angles



Description

Robroy Stainless Flat Plates are used to connect sections of channel strut together in vertical or horizontal sections forming a splice joint. Robroy Stainless Flat Plates are 316 stainless steel and hole size is $\frac{3}{16}$ ".

Product Information

Catalog #	Description	Weight Each (lbs.)
RSF-1301-316	3 Hole Flat Angle Plate 316	0.58
RSF-1406-A-316	4 Hole Flat Angle Plate 316	0.80

Flat Square Washers



Description

Robroy Stainless Flat Square Washers are 316 stainless steel and are designed for use with strut in order to make connections within the system or act as a spacer, shim or seat for various hardware components.

Product Information		
Catalog #	Description	Weight Each (lbs.)
RSF-1101-1/2-316	Flat Square Washer 1/2" 316	0.19

Base Plates



Description

Robroy Stainless Base Plates are designed to be floor mounted to support upright strut installations. They are available in 316 stainless steel and hole size is 5/16".

Product Information		
Catalog #	Description	Weight Each (lbs.)
RSF-9601-316	Channel Base Plate 316	3.27
RSF-9601-SQ-316	Square Channel Base Plate 316	3.27

Flat Plates



Description

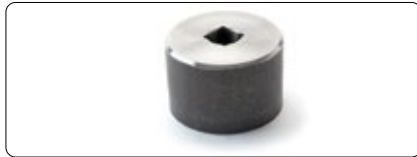
Robroy Stainless Flat Plates are 316 stainless steel and are used to connect sections of channel strut together in vertical or horizontal sections forming a splice joint. Robroy Stainless Flat Plates are 316 stainless steel and hole size is 5/16".

Product Information		
Catalog #	Description	Weight Each (lbs.)
RSF-1401-316	4 Hole T Plate 316	0.83
RSF-1402-316	4 Hole Splice Plate 316	0.77
RSF-1501-316	5 Hole Cross Plate 316	1.05



Installation Tools

SPIN-IT



With the Spin-It, Plasti-Bond can be tightened much faster than with conventional tools. Because the Spin-It never touches the coating, damage to the conduit is eliminated.

Catalog #	Description
SPSPIN-IT-3/4	3/4" Spin-It
SPSPIN-IT-1	1" Spin-It
SPSPIN-IT-1-1/4	1-1/4" Spin-It
SPSPIN-IT-1-1/2	1-1/2" Spin-It
SPSPIN-IT-2	2" Spin-It

JAWS 3



JAWS 3 are a set of aluminum-nickel-bronze vise jaws designed to replace the regular jaws in a RIGID #23 or #40-A pipe vise. They completely protect the exterior coating from damage caused by the vise jaws when cutting or threading.

Catalog #	Description
JWJAWS3-#23	JAWS3 #23 Bench Mount Pipe Vise
JWJAWS3-#40-A	JAWS3 #40-A Tripod Pipe Vise

PVC COATING REPAIR KIT



The PVC Coating Repair Kit is a UL recognized two-part epoxy capable of bonding to PVC and steel or aluminum substrates. It includes all necessary tools in order to repair the damaged area and is dark gray in color.

Catalog #	Description
PBPVCREPAIR-KIT	PVC Coating Repair Kit

PLASTI-SOCKET



Plasti-Socket is a plastic encapsulated 3/8" drive socket for use with the square encapsulated U-Bolt and beam clamp nuts used in the Plasti-Bond conduit support system. The Plasti-Socket helps avoid coating damage from metal sockets, pliers, or wrenches.

Catalog #	Description
PSPLASTISOCKET-3/8	3/8" Plasti-Socket

HALF-SHELL CLAMPS



Half-Shell Clamps are designed to cover a large surface area when clamping conduit, especially in a chain vise. This allows for a strong grip without damaging the exterior coating.

Catalog #	Description
JWHLF-SHL-CLP2	2" Half-Shell Conduit Clamp
JWHLF-SHL-CLP2-1/2	2-1/2" Half-Shell Conduit Clamp
JWHLF-SHL-CLP3	3" Half-Shell Conduit Clamp
JWHLF-SHL-CLP3-1/2	3-1/2" Half-Shell Conduit Clamp
JWHLF-SHL-CLP4	4" Half-Shell Conduit Clamp
JWHLF-SHL-CLP5	5" Half-Shell Conduit Clamp
JWHLF-SHL-CLP6	6" Half-Shell Conduit Clamp

ROD STRIPPING TOOL



Robroy Stainless Rod Stripping Tool is used to safely and efficiently strip the coating from Rocket Rod or PVC-Coated All Thread Rod exposing the desired length of exposed rod required for installation.

Catalog #	Description
RSRST12	1/2" Rod Stripping Tool
RSRST38	3/8" Rod Stripping Tool

Z-WRENCH



Z-Wrench features extra wide jaws that spread the clamping force, enabling the tool to grip without marring the surface of the conduit. The "V" shaped upper jaw allows Z-Wrench to accommodate a wide range of conduit sizes. Shallow grooves in the upper and lower jaws provide an excellent grip.

Catalog #	Description
SPJPZ1	1/2" - 1-1/4" Z-Wrench
SPJPZ2	1-1/2" - 2-1/2" Z-Wrench

HICKEY



The Plasti-Bond Hickey is a special bending tool with a 40 mil PVC coating which reduces the possibility of damage during conduit bending.

Catalog #	Description
PBHICKEY	1/2" & 3/4" Conduit Bender

COMPOUNDS



Plasti-Bond Touch-up Compounds are available to repair minor damage to the exterior PVC factory coatings. The exterior PVC touch-up compound is gray and available in a 12 oz. aerosol can and a pint can with brush-top applicator. The approved thread compound is available in a pint can with a brush-top applicator.

Catalog #	Description	Size
PBTOUCHUP-SPRAY	Exterior Spray Type (Gray)	12 oz.
PBTOUCHUP-GRAY-PT	Exterior Non-Spray with Brush-Top (Gray)	1 pt.
PBTHREAD-COMPOUND	Approved Conductive Compound-Brush-Top	1 pt.

Installer Certification

Plasti-Bond is a system providing the best available exterior and interior protection against corrosion. Proper installation is essential to ensure the best possible service life for a conduit system. To ensure the best possible PVC-coated conduit installation, it is recommended that installers are certified.

Qualified installation provides these benefits:

- **The End User...**
...receives optimum installation quality and best possible service life.
- **The Professional...**
...benefits because of obvious concern for providing only the best to the end-user.
- **The Contractor...**
...achieves more cost-effective installation.

Everyone benefits!

Plasti-Bond Installer Certification is based upon training that includes classroom and hands-on instruction encompassing:

- Proper installation techniques and tools
- Hands-on instruction for clamping, cutting, threading, bending, and assembly of PVC-coated conduit
- Interactive discussion of techniques and troubleshooting

Only installers who are able to present valid, unexpired credentials of having passed our instruction and examination are officially certified to install Plasti-Bond's top quality products.

Installer certification is free of charge and available virtually, at the job site, contractor's shop, factory, or wherever it is convenient to you! For more information about Installer Certification, contact Plasti-Bond at (903) 843-5591.



Plasti-Bond
A ROBROY Brand

ON _____, 20____

NAME _____

successfully completed the Installer Certification Exam and is hereby designated a Certified Installer for PVC-coated conduit.

SIGNED _____

EXPIRATION DATE _____

Certified Installer

1100 US Highway 271 South, Gilmer, TX 75644 • 903.843.5591 • www.plastibond.com

Lower Your Project Risks and Costs

Latest Information on New PVC-Coated Products

Our customers trust in the long-term value of our products because their facilities are safely and effectively protected against corrosion and/or contamination. The investment of our customers in our products is best realized by meaningful education. Therefore, we offer accredited educational programs that provide the knowledge base required for our customers to know how and why our products protect the electrical infrastructure within their application. Our extensive education and training programs mitigate risks and reduce costs by helping ensure proper system design and product installation.



CORROSION PROTECTION AND SAFETY ASSURANCE

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For End Users, Engineers

Accreditation/Certification: 1 PDH engineering credit

PRODUCT PERFORMANCE VERIFICATION FOR CORROSIVE ENVIRONMENTS

ACCREDITED

For End Users, Engineers

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INSTALLER CERTIFICATION

CERTIFIED

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Certification: Certified PVC-Coated Installer

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Urethane Interior Coating Chemical Resistance Chart

Solutions	Conc.	Temp.	Recommended Exposure		
			Fumes	Splash	Immersion
Acetic Acid	10%	75° F	YES	YES	NO
Acid Copper Plating Sol.	Any	75° F	YES	YES	NO
Alkaline Cleaners	Any	75° F	YES	YES	NO
Aluminum Chloride	Sat'd	75° F	YES	YES	NO
Aluminum Sulfate	Sat'd	75° F	YES	YES	NO
Alums	Sat'd	75° F	YES	YES	NO
Ammonium Chloride	Sat'd	75° F	YES	YES	NO
Ammonium Hydroxide	28%	75° F	YES	YES	NO
Ammonium Hydroxide	10%	75° F	YES	YES	NO
Ammonium Sulfate	Sat'd	75° F	YES	YES	NO
Ammonium Thiocyanate	Sat'd	75° F	YES	YES	NO
Amyl Alcohol	Sat'd	75° F	YES	YES	YES
Arsenic Acids	Any	75° F	YES	YES	NO
Barium Sulfide	Sat'd	75° F	YES	YES	NO
Black Liquor	Sat'd	75° F	YES	YES	NO
Benzoic Acid	Sat'd	75° F	YES	YES	NO
Brass Plating Solution	Sat'd	75° F	YES	YES	NO
Bromine Water	Sat'd	75° F	YES	YES	NO
Butyl Alcohol	Any	75° F	YES	YES	NO
Cadmium Plating Sol.	Any	75° F	YES	YES	NO
Cadmium Bisulfate	Any	75° F	YES	YES	NO
Calcium Chloride	Sat'd	75° F	YES	YES	NO
Calcium Hypochlorite	Sat'd	75° F	YES	YES	NO
Carbonic Acid	Sat'd	75° F	YES	YES	NO
Casein	Any	75° F	YES	YES	NO
Castor Oil	Any	75° F	YES	YES	YES
Caustic Soda	35%	75° F	YES	YES	NO
Caustic Soda	10%	75° F	YES	YES	NO
Caustic Potash	35%	75° F	YES	YES	NO
Caustic Potash	10%	75° F	YES	YES	NO
Chlorine Water	Sat'd	75° F	YES	YES	NO
Chromium Plating Sol.	Any	75° F	YES	YES	NO
Citric Acid	Sat'd	75° F	YES	YES	NO
Copper Chloride	Sat'd	75° F	YES	YES	NO
Copper Cyanide Plating Sol.	Any	75° F	YES	YES	NO
Copper Sulfate	Sat'd	75° F	YES	YES	NO
Coconut Oil	Sat'd	75° F	YES	YES	YES
Cottonseed Oil	Sat'd	75° F	YES	YES	YES
Disodium Phosphate	Sat'd	75° F	YES	YES	NO
Ethyl Alcohol	Any	75° F	YES	YES	NO
Ethylene Glycol	Any	75° F	YES	YES	YES
Ferrous Sulfate	Sat'd	75° F	YES	YES	NO
Fluoboric Acid	Any	75° F	YES	YES	NO
Formaldehyde	37%	75° F	YES	YES	NO
Formic Acid	85%	75° F	YES	YES	NO
Gallic Acid	Sat'd	75° F	YES	YES	NO
Glucose	Any	75° F	YES	YES	YES
Glycerine	Any	75° F	YES	YES	YES
Gold Plating Solution	Any	75° F	YES	YES	NO
Hydrochloric Acid	10%	75° F	YES	YES	NO
Hydrochloric Acid	21.5%	75° F	YES	YES	NO
Hydrochloric Acid	37.5%	75° F	YES	YES	NO
Hydrofluoric Acid	4%	75° F	YES	YES	NO
Hydrofluoric Acid	10%	75° F	YES	YES	NO
Hydrofluoric Acid	48%	75° F	YES	YES	NO
Hydrogen Peroxide	30%	75° F	YES	YES	NO
Hydroquinone	Any	75° F	YES	YES	NO
Indium Plating Solution	Any	75° F	YES	YES	NO
Lactic Acid	Any	75° F	YES	YES	NO
Lead Plating Solution	Any	75° F	YES	YES	NO

Solutions	Conc.	Temp.	Recommended Exposure		
			Fumes	Splash	Immersion
Malic Acid	Any	75° F	YES	YES	NO
Methyl Alcohol	Any	75° F	YES	YES	NO
Mineral Oils	Any	75° F	YES	YES	YES
Nickel Acetate	Sat'd	75° F	YES	YES	NO
Nickel Plating Solution	Any	75° F	YES	YES	NO
Nickel Salts	Sat'd	75° F	YES	YES	NO
Nitric Acid	35%	75° F	YES	YES	NO
Nitric Acid	40%	75° F	YES	YES	NO
Nitric Acid	60%	75° F	YES	YES	NO
Nitric/Hydrofluoric Acid	15%/4%	75° F	YES	YES	NO
Nitric Acid/ Sodium Dichromate Water	16%/ 13%/71%	75° F	YES	YES	NO
Oleic Acid	Any	75° F	YES	YES	NO
Oxalic Acid	Any	75° F	YES	YES	NO
Phenol	Sat'd	75° F	YES	YES	NO
Phosphoric Acid	75%	75° F	YES	YES	NO
Phosphoric Acid	85%	75° F	YES	YES	NO
Potassium Acid Sulfate	Sat'd	75° F	YES	YES	NO
Potassium Antimonate	Sat'd	75° F	YES	YES	NO
Potassium Bisulfite	Sat'd	75° F	YES	YES	NO
Potassium Chloride	Sat'd	75° F	YES	YES	NO
Potassium Cuprocyanide	Sat'd	75° F	YES	YES	NO
Potassium Cyanide	Sat'd	75° F	YES	YES	NO
Potassium Dichromate	Sat'd	75° F	YES	YES	NO
Potassium Hypochlorate	Sat'd	75° F	YES	YES	NO
Potassium Sulfide	Sat'd	75° F	YES	YES	NO
Potassium Thiosulfate	Sat'd	75° F	YES	YES	NO
Propyl Alcohol	Sat'd	75° F	YES	YES	NO
Rhodium Plating Solution	Sat'd	75° F	YES	YES	NO
Silver Plating Solution	Sat'd	75° F	YES	YES	NO
Soaps	Any	75° F	YES	YES	NO
Sodium Acid Sulfate	Sat'd	75° F	YES	YES	NO
Sodium Antimonate	Sat'd	75° F	YES	YES	NO
Sodium Bicarbonate	Sat'd	75° F	YES	YES	NO
Sodium Bisulfite	Sat'd	75° F	YES	YES	NO
Sodium Chloride	Sat'd	75° F	YES	YES	NO
Sodium Cyanide	Sat'd	75° F	YES	YES	NO
Sodium Dichromate	Sat'd	75° F	YES	YES	NO
Sodium Hydroxide	10%	75° F	YES	YES	NO
Sodium Hydroxide	35%	75° F	YES	YES	NO
Sodium Hydroxide	73%	75° F	YES	YES	NO
Sodium Hypochlorite	Sat'd	75° F	YES	YES	NO
Sodium Hypochlorite	15%	75° F	YES	YES	NO
Sodium Sulfide	Sat'd	75° F	YES	YES	NO
Sodium Thiosulfate	Sat'd	75° F	YES	YES	NO
Sulfuric Acid	15%	75° F	YES	YES	NO
Sulfuric Acid	50%	75° F	YES	YES	NO
Sulfuric Acid	70%	75° F	YES	YES	NO
Sulfuric Acid	98%	75° F	YES	YES	NO
Sulfurous Acid	2%	75° F	YES	YES	NO
Sulfurous Acid	4%	75° F	YES	YES	NO
Tannic Acid	Sat'd	75° F	YES	YES	NO
Tartaric Acid	Sat'd	75° F	YES	YES	NO
Tin Chloride	Sat'd	75° F	YES	YES	NO
Tin Plating Solution	Sat'd	75° F	YES	YES	NO
Triethanolamine	Sat'd	75° F	YES	YES	NO
Trisodium Phosphate	Sat'd	75° F	YES	YES	NO
White Liquor	Sat'd	75° F	YES	YES	NO
Zinc Plating Solution	Sat'd	75° F	YES	YES	NO
Zinc Sulfate	Sat'd	75° F	YES	YES	NO

PVC Exterior Coating Chemical Resistance Chart

Solutions	Conc.	Temp.	Recommended Exposure		
			Fumes	Splash	Immersion
Acetic Acid	10%	120	NO	NO	NO
Acid Copper Plating Sol.		160	YES	YES	YES
Alkaline Cleaners		160	YES	YES	YES
Aluminum Chloride	Sat'd	160	YES	YES	YES
Aluminum Sulfate	Sat'd	160	YES	YES	YES
Alums	Sat'd	160	YES	YES	YES
Ammonium Chloride	Sat'd	160	YES	YES	YES
Ammonium Hydroxide	28%	120	YES	YES	YES
Ammonium Hydroxide	10%	120	YES	YES	YES
Ammonium Thiocyanate	Sat'd	160	YES	YES	YES
Amyl Alcohol	Any	90	YES	YES	YES
Arsenic Acids	Any	150	YES	YES	YES
Barium Sulfide	Sat'd	160	YES	YES	YES
Black Liquor	Sat'd	90	YES	YES	YES
Benzoic Acid	Sat'd	160	YES	YES	YES
Brass Plating Solution	Any	160	YES	YES	YES
Bromine Water	Sat'd	120	YES	YES	YES
Butyl Alcohol	Any	90	YES	YES	YES
Cadmium Plating Sol.	Any	150	YES	YES	YES
Cadmium Bisulfate	Any	150	YES	YES	YES
Calcium Chloride	Sat'd	160	YES	YES	YES
Calcium Hypochlorite	Sat'd	120	YES	YES	YES
Carbonic Acid	Sat'd	160	YES	YES	YES
Casein	Any	90	YES	YES	YES
Castor Oil	Any	90	YES	YES	YES
Caustic Soda	35%	120	YES	YES	YES
Caustic Soda	10%	150	YES	YES	YES
Caustic Potash	35%	120	YES	YES	YES
Caustic Potash	10%	150	YES	YES	YES
Chlorine Water	Sat'd	90	YES	YES	YES
Chromium Plating Sol.	Any	150	YES	YES	YES
Citric Acid	Sat'd	160	YES	YES	YES
Copper Chloride	Sat'd	160	YES	YES	YES
Copper Cyanide Plating Sol.	Any	160	YES	YES	YES
(High Speed)	Any	180	YES	YES	YES
(with Alkali Cyanides)	Sat'd	160	YES	YES	YES
Copper Sulfate	Sat'd	160	YES	YES	YES
Coconut Oil	Sat'd	90	YES	YES	YES
Cottonseed Oil	Sat'd	90	YES	YES	YES
Disodium Phosphate	Sat'd	160	YES	YES	YES
Ethyl Alcohol	Any	90	YES	YES	YES
Ethylene Glycol	Any	90	YES	YES	NO
Ferric Chloride	45%	120	YES	YES	YES
Ferrous Sulfate	Sat'd	150	YES	YES	YES
Fluoboric Acid	Any	150	YES	YES	YES
Formaldehyde	37%	120	YES	YES	YES
Formic Acid	85%	100	NO	NO	NO
Gallic Acid	Sat'd	150	YES	NO	NO
Glucose	Any	150	YES	YES	YES
Glycerine	Any	90	YES	YES	YES
Gold Plating Solution	Any	150	YES	YES	YES
Hydrochloric Acid	10%	120	YES	YES	YES
Hydrochloric Acid	21.5%	120	YES	YES	YES
Hydrochloric Acid	37.5%	120	YES	YES	NO
Hydrochloric Acid	37.5%	90	YES	YES	NO
Hydrofluoric Acid	4%	140	YES	YES	NO
Hydrofluoric Acid	10%	120	YES	YES	NO
Hydrofluoric Acid	48%	120	YES	YES	NO
Hydrogen Peroxide	30%	120	YES	YES	YES
Hydrogen Sulfide	Sat'd	120	YES	YES	YES
Hydroquinone	Any	90	YES	YES	YES
Indium Plating Solution	Any	150	YES	YES	YES

Solutions	Conc.	Temp.	Recommended Exposure		
			Fumes	Splash	Immersion
Lactic Acid	50%	120	YES	YES	YES
Lactic Acid	Any	90	YES	YES	YES
Lead Plating Solution	Any	150	YES	YES	YES
Malic Acid	Any	90	YES	YES	YES
Methyl Alcohol	Any	90	YES	YES	YES
Mineral Oils	Any	90	YES	YES	YES
Nickel Acetate	Sat'd	160	YES	YES	YES
Nickel Plating Solution		160	YES	YES	YES
Nickel Salts	Sat'd	160	YES	YES	YES
Nitric Acid	35%	120	YES	YES	NO
Nitric Acid	40%	90	YES	YES	NO
Nitric Acid	60%	120	YES	YES	NO
Nitric/Hydrofluoric Acid	15%/4%	140	YES	YES	YES
Nitric Acid/ Sodium Dichromate Water	16%/13%/71%	130	YES	YES	YES
Oleic Acid	Any	90	YES	YES	YES
Oxalic Acid		90	YES	YES	YES
Phenol	Sat'd	120	NO	NO	NO
Phosphoric Acid	75%	150	YES	YES	YES
Phosphoric Acid	85%	120	YES	YES	YES
Potassium Acid Sulfate	Sat'd	150	YES	YES	YES
Potassium Antimonate	Sat'd	150	YES	YES	YES
Potassium Bisulfite	Sat'd	90	YES	YES	YES
Potassium Chloride	Sat'd	160	YES	YES	YES
Potassium Cuprocyanide	Sat'd	150	YES	YES	YES
Potassium Cyanide	Sat'd	160	YES	YES	YES
Potassium Dichromate	Sat'd	160	YES	YES	YES
Potassium Hypochlorate	Sat'd	90	YES	YES	YES
Potassium Sulfide	Sat'd	150	YES	YES	YES
Potassium Thiosulfate	Sat'd	150	YES	YES	YES
Propyl Alcohol	Sat'd	150	YES	YES	YES
Rhodium Plating Solution	Sat'd	150	YES	YES	YES
Silver Plating Solution	Sat'd	150	YES	YES	YES
Soaps	Any	90	YES	YES	YES
Sodium Acid Sulfate	Sat'd	160	YES	YES	YES
Sodium Antimonate	Sat'd	150	YES	YES	YES
Sodium Bicarbonate	Sat'd	160	YES	YES	YES
Sodium Bisulfite	Sat'd	90	YES	YES	YES
Sodium Chloride	Sat'd	160	YES	YES	YES
Sodium Cyanide	Sat'd	160	YES	YES	YES
Sodium Dichromate	Sat'd	160	YES	YES	YES
Sodium Hydroxide	10%	150	YES	YES	NO
Sodium Hydroxide	35%	120	YES	YES	NO
Sodium Hydroxide	73%	160	NO	NO	NO
Sodium Hypochlorite	Sat'd	90	YES	YES	NO
Sodium Hypochlorite	15%	120	YES	YES	NO
Sodium Sulfide	Sat'd	150	YES	YES	YES
Sodium Thiosulfate	Sat'd	150	YES	YES	YES
Sulfuric Acid	15%	120	YES	YES	YES
Sulfuric Acid	50%	120	YES	YES	YES
Sulfuric Acid	70%	90	YES	YES	NO
Sulfuric Acid	98%	100	YES	NO	NO
Sulfurous Acid	2%	120	YES	YES	NO
Sulfurous Acid	6%	120	YES	YES	NO
Tannic Acid	Sat'd	90	YES	YES	YES
Tartaric Acid	Sat'd	90	YES	YES	YES
Tin Chloride	Sat'd	150	YES	YES	YES
Tin Plating Solution	Sat'd	150	YES	YES	YES
Triethanolamine	Sat'd	150	YES	YES	YES
Trisodium Phosphate	Sat'd	150	YES	YES	YES
White Liquor	Sat'd	90	YES	YES	YES
Zinc Plating Solution		160	YES	YES	YES
Zinc Sulfate	Sat'd	160	YES	YES	YES

Plasti-Bond Performance Standards/Descriptions

Exterior PVC and interior urethane coating performance shall be confirmed by the characteristics and tests listed below. Test samples shall be selected at random.

Flammability

The PVC coating will burn if subjected to sustained flame or heat above 400°F, however, it will self extinguish upon removal of the heat source or flame.

Toxicity

Prolonged exposure to heat greater than 200°F or exposure to fire may cause the PVC coating to release harmful emissions that could pose a potential health hazard. Therefore, PVC use is not recommended in areas exposed to sustained temperatures above 200°F. If exposed to fire, particularly in closed areas, users should be aware and observe proper caution.

Boil Test

Acceptable conduit coating bonds shall be confirmed if there is no disbondment after a minimum average of 200 hours in boiling water or exposure to steam vapor at one atmosphere. The periodic increments between bond tests shall not exceed 5 hours for the first 25 hours, then it may be lengthened by mutual consent. The RN1 Bond Test and the Standard Method for Measuring Adhesion by Tape Test shall be utilized.

EXTERIOR ADHESION

A 6"-length of conduit test specimen shall be placed in boiling water. The specimen shall be periodically removed, cooled to ambient temperature, and immediately tested according to the bond test (RN1). When the PVC coating separates from the substrate, the boil time to failure in hours shall be recorded. ASTM D870 describes this test method for accelerated testing of coating adhesive bonds.

INTERIOR ADHESION

A 6" conduit test specimen shall be cut in half longitudinally and placed in boiling water or directly above boiling water with the urethane surface facing down. The specimen shall be periodically removed, cooled to ambient temperature, and tested in accordance with the Standard Method of Adhesion by Tape Test (ASTM D3359). When the coating disbonds, the time to failure in hours shall be recorded.

Heat/Humidity Test

Acceptable conduit coating bonds shall be confirmed by a minimum average of 30 days in the Heat and Humidity Test. The periodic increment between bond tests shall not exceed 5 days for the first 30 days, then may be lengthened by mutual consent. The RN1 Bond Test and the Standard Method for Measuring Adhesion by Tape Test shall be utilized.

EXTERIOR ADHESION

Conduit specimens shall be placed in a heat and humidity environment where the temperature is maintained at 150°F (66°C) and 95% relative humidity. The specimens shall be periodically removed and a bond test (RN1) performed. When the PVC coating separates from the substrate, the exposure time to failure in days shall be recorded. ASTM D1151, D1735, D2247, and D4585 are the basis for this accelerated method of evaluating adhesive bonding.

INTERIOR ADHESION

The conditions for interior adhesion testing of conduit specimens are the same as those for external adhesion. ASTM D3359 is used to determine adhesive failure.

ETL Verification

ETL PVC-001

The coating adhesion performance of rigid steel product has been ETL verified to the Interek ETL High Temperature H2O PVC-Coating Adhesion Test Procedure for 200 hours.

NEMA RN-1 Section 3.8 per ETL PVC-001

The exterior PVC coating adhesion performance of aluminum product has been ETL verified NEMA RN-1 Section 3.8 per ETL PVC-001.

Chemical Resistance Test

No trace of the internal coating shall be visible on a white cloth following six wipes over the coating that has been wetted with acetone (ASTM D1308).

Polyurethane

The supplier shall confirm that the internal coating that meets the above condition is a polyurethane.

Plasti-Bond has used the American Society for Testing and Materials (ASTM) standards to provide comparable and consistent test data. A list of ASTM standards referenced in the Plasti-Bond Coated Conduit Specification appears below.

ASTM B1117

Standard Practice for Operating Salt Spray (Fog) Apparatus

ASTM D149

Test Methods for Dielectric Breakdown Voltage and Dielectric Strength of Solid Electrical Insulating Materials at Commercial Power Frequencies

ASTM D638

Test Method for Tensile Properties of Plastics

ASTM D746

Test Method for Brittleness Temperature of Plastics and Elastomers by Impact

ASTM D870

Method for Water Immersion Test of Organic Coatings on Steel

ASTM D1151

Test Method for Effect of Moisture and Temperature on Adhesive Bonds

ASTM D1654

Standard Test Method for Evaluation of Painted or Coated Specimens Subjected to Corrosive Environments

ASTM D1735

Method for Water Fog Testing of Organic Coatings

ASTM D2240

Test Method for Rubber Property-Durometer Hardness

ASTM D2247

Method of Testing Coated Metal Specimens at 100% Relative Humidity

ASTM D2444

Standard Test Method for Determination of the Impact Resistance of Thermoplastic Pipe and Fittings by Means of a Tup (Falling Weight)

ASTM D3359

Method for Measuring Adhesion by Tape Test

ASTM D4585

Testing Water Resistance of Coatings Using Controlled Condensation

ASTM D1308

Effect of Chemicals on Clear and Pigmented Organic Finishes

ASTM G153

Standard Practice for Operating Enclosed Carbon Arc Light Apparatus for Exposure of Non-Metallic Materials

ASTM G155

Standard Practice for Operating Xenon Arc Light Apparatus for Exposure of Non-Metallic Materials

Notes



Plasti-Bond[®]
A **ROBROY** Brand

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Gilmer, TX 75644
Phone: (903) 843-5591

CSR@Robroy.com



Plasti-Bond PVC-coated galvanized rigid conduit and fittings provide unequalled corrosion protection. Manufactured in the U.S.A., ISO 9001:2015-certified Plasti-Bond complies with all standards mandated by UL 6, UL 1203, NEMA RN-1, and ANSI C80.1. In addition, Plasti-Bond is ETL Verified for product performance and reliable longevity ten or more times longer than brands that are not ETL Verified. Look for the combined ETL/UL label to be sure you are receiving the protection you've paid for.