



PREFORMED LINE PRODUCTS

Section 18 – Bonding Connectors & Bonding Kits

Table of Contents	Page
MULTI-BOND™ Shield Connector	18-2
MORAY™ & MINI-MORAY™ Shield Connectors	18-2
SERVI-BOND™ Shield Connector	18-3
SURE-GRIP™ Shield Connector & Bonding Kit	18-4
Pipe Plug Bonding Kit.....	18-5



MULTI-BOND™ and MORAY™ Shield Connectors



MULTI-BOND Shield Connector

The MULTI-BOND Shield Connector offers you a reliable bonding harness for organizing telecommunications buried service wires and achieving an electrical bond between the cables and ground. The compact MULTI-BOND Shield Connector is designed to be used in multiple service distribution. It's a simple, sure and safe cable organizer.

Each kit includes a lug, clamps, five screws and nuts, and a bonding support plate.

Catalog Number	Description	Standard Carton Qty.
8003072	Bonding support plate, lug, clamps, five screws and nuts	15

MORAY™ and MINI-MORAY™ Shield Connector

Connect shield with confidence with the MORAY Shield Connector and the MINI-MORAY Shield Connector. The specially designed teeth penetrate the polymer coating on the cable shield to provide excellent pull-out strength and electrical contact. The tooth design resembles a “reverse-rake” pattern that allows teeth to “bite” into the cable shield. Two teeth under the “spring-action” connector top are designed to keep it from letting go of the cable sheath.

Constant Electrical Contact

The MORAY and MINI-MORAY Shield Connector with a “spring-action” top plate remain in contact with the shield at all times. The “spring-action” design is flexible enough to handle the expansion and contraction of the cable sheath that results from varying temperature ranges, yet strong enough to maintain constant electrical contact.

All Cable Sizes

With the addition of the MINI-MORAY Shield Connector, PLP can offer the flexibility of using the same reliable MORAY Shield Connector design for smaller diameter cables.

MORAY Shield Connector
Catalog No. 8000745
MINI-MORAY Shield Connector
Catalog No. 8000751



MORAY Shield Connector



MINI-MORAY Shield Connector

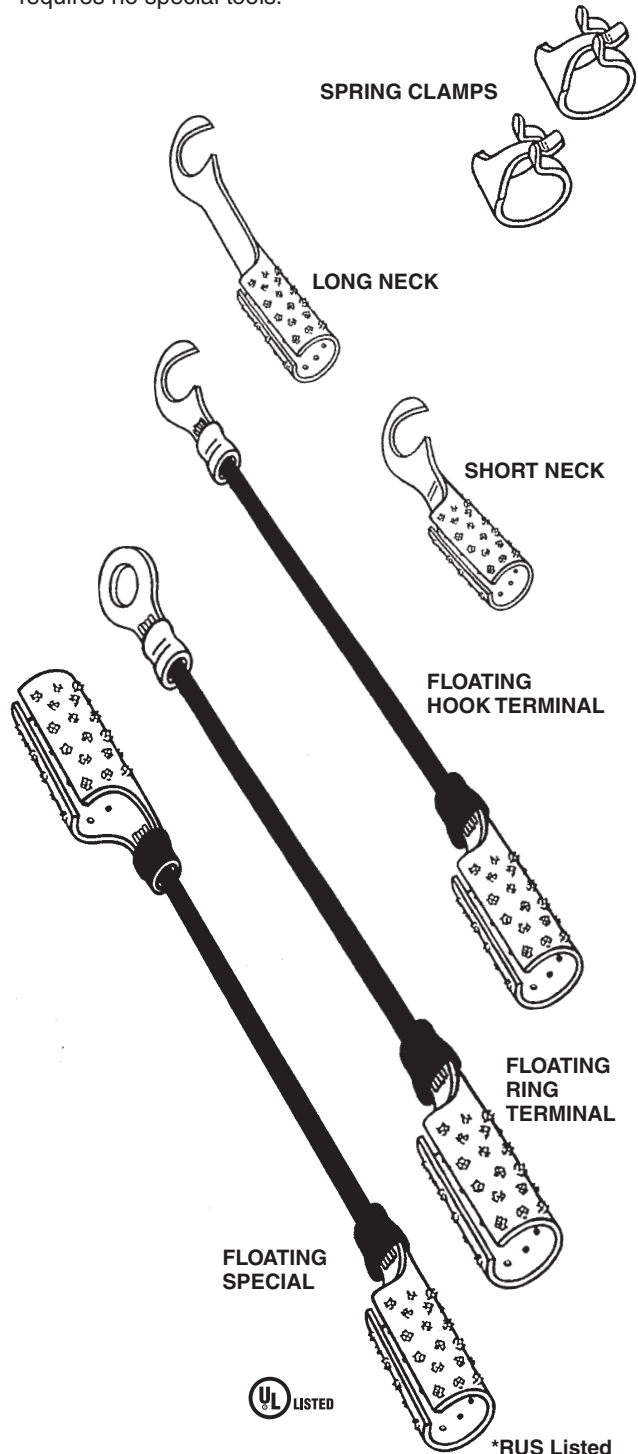
(Bonding nuts supplied, but not shown)

SERVI-BOND™ Shield Connector

Catalog Number (mm)	Spring Clamp Color Code	Maximum Service Wire Diameter inches (mm)	Service Cable Range
8000733* (long neck)	Silver	0.30 (8)	2-Pair or 3-Pair (Armored and Non-Armored)
8000734 (long neck)	Yellow	0.36 (9)	5-Pair or 6-Pair (Non-Armored)
	Black	0.41 (10)	5-Pair or 6-Pair (Armored)
8000735 (short neck)	Silver	0.30 (8)	2-Pair or 3-Pair (Armored and Non-Armored)
8000736 (short neck)	Yellow	0.36 (9)	5-Pair or 6-Pair (Non-Armored)
	Black	0.41 (10)	5-Pair or 6-Pair (Armored)
8000737 4.5" (114) harness (floating hook terminal)	Silver	0.30 (8)	2-Pair or 3-Pair (Armored and Non-Armored)
8000738 4.5" (114) harness (floating hook terminal)	Yellow	0.36 (9)	5-Pair or 6-Pair (Non-Armored)
	Black	0.41(10)	5-Pair or 6-Pair (Armored)
800011296 4.5" (114) harness (floating hook terminal w/¼" stud hole)	Yellow	0.36 (9)	5-Pair or 6-Pair (Non-Armored)
	Black	0.41 (10)	5-Pair or 6-Pair (Armored)
8000739 7" (177) harness (floating hook terminal)	Silver	0.30 (8)	2-Pair or 3-Pair (Armored and Non-Armored)
8000740 (long neck)	Silver	0.30 (9)	2-Pair or 3-Pair (Armored and Non-Armored)
	Black	0.41 (10)	5-Pair or 6-Pair (Armored and Non-Armored)
8000744* 7" (177) harness (floating hook terminal)	Yellow	0.36 (9)	5-Pair or 6-Pair (Armored and Non-Armored)
	Black	0.41 (10)	5-Pair or 6-Pair (Armored and Non-Armored)
8000746 14" (365) harness (floating hook terminal)	Silver	0.30 (8)	2-Pair or 3-Pair (Armored and Non-Armored)
8000747 14" (365) harness (floating hook terminal)	Yellow	0.36 (9)	5-Pair or 6-Pair (Armored and Non-Armored)
	Black	0.41(10)	5-Pair or 6-Pair Double Sheath Armored and Non-Armored)
8000748 2.75" (69) harness (floating special)	Black	0.41 (10)	5-Pair or 6-Pair (Armored and Non-Armored)
8000749 4.5" (114) harness (floating ring terminal)	Silver	0.30 (8)	2-Pair or 3-Pair
8000750 4.5" (114) harness (floating ring terminal)	Yellow	0.36 (9)	5-Pair or 6-Pair
	Black	0.41(10)	5-Pair or 6-Pair (Armored and Non-Armored)
8000752 4.5" (114) harness(floating hook terminal)	Aluminum	0.56 (14)	12-Pair (Armored and Non-Armored)
8000753 7" (178) (floating ring terminal)	Black	0.43 (11)	Fiber Optic Drop Cables

SERVI-BOND Shield Connector

The SERVI-BOND Shield Connector is designed to assure shield continuity to a point of ground for buried telephone service wires. The shield connector is easily installed and requires no special tools.





SURE-GRIP™ Shield Connector & Bonding Kit

SURE-GRIP Shield Connectors

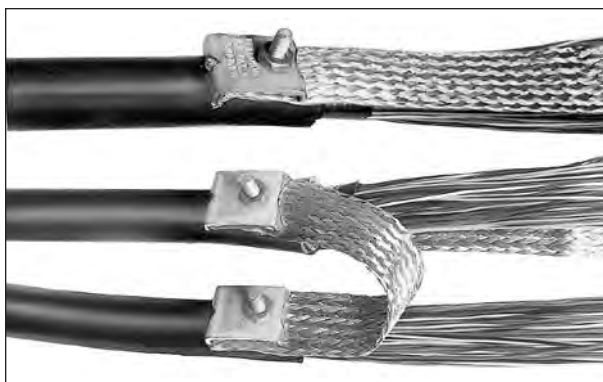
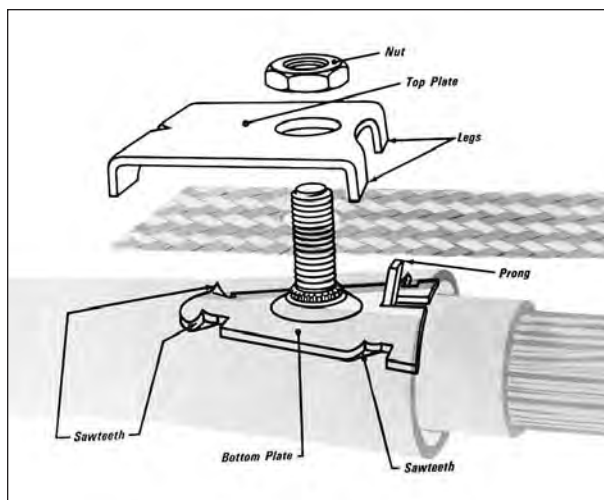
SURE-GRIP Shield Connectors are designed to provide fault-free connections in underground and above-ground cable openings in pedestal. Positive electrical continuity is provided across splices and shield openings in pedestal terminals and in overhead and underground cable. They fit any cable, can be used on either lead or plastic-sheath types, and won't move, even in a floating bond.

“No-turn” Head Eliminates Static

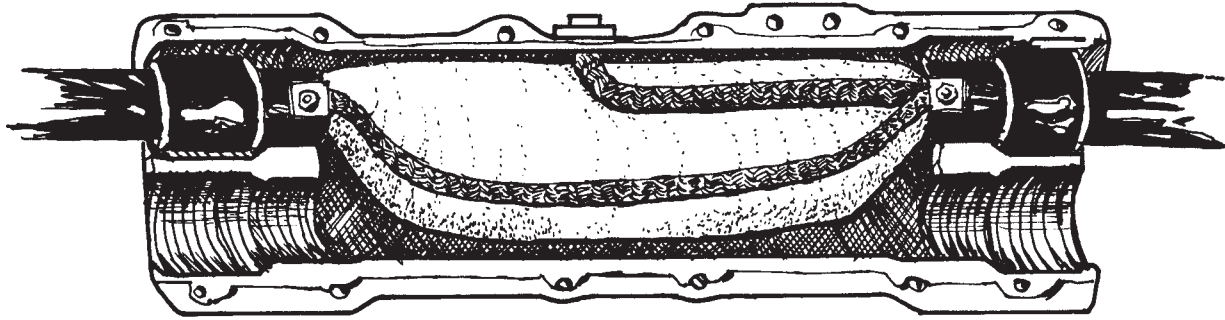
As the nut is tightened, bending stress on the top plate imposes high locking pressure on the connection to prevent the shield connector from moving during or after installation. Sawteeth in the bottom plate are forced into the shield to provide a conductor path from the metallic shield to the shield connector. The prong in the bottom plate penetrates the heavy metal braid to provide an additional current-carrying path across the cable opening.

Legs in the top plate compress the shield firmly against the sawteeth in the bottom plate to prevent the top from moving when the nut is tightened. Noise that is annoying on voice circuit is minimized and heavy electrical surges, large enough to burn out other types of shield connectors, are carried safely across the conductor path.

Catalog Number	Description (mm)	Specifications	No. Per Carton
8000711	For cables ¾" (19) and larger	Top plate – Medium carbon steel, copper plate, tin flash bottom plate stud and nut – tin plated brass	100 Units



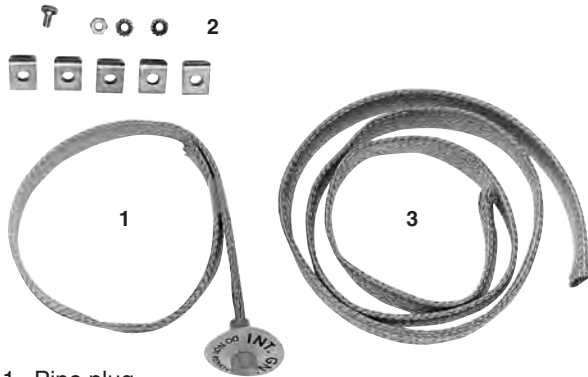
Pipe Plug Bonding Kit



The PREFORMED™ Pipe Plug Bonding Kit, when applied with Shield Connectors, provides a low-resistance, non-fluctuating, high-current capacity bond and ground connection in cast iron and aluminum splice cases. Kit consists of heavy, flexible braid securely connected to a specially designed pipe plug. Braid is fed through plug hole and plug is securely tightened in place. Free end of braid is joined to cable sheath by Shield Connector. Additional braid is used to connect all cable sheaths to pipe plug, completing permanent bond and ground connection. Special pipe plug has a bright yellow tab to identify it as a ground connection.

Catalog Number	Description (mm)	Standard Carton Qty.
8000714	18" (457) of #6 Bonding Braid with pipe plug, 42" (1067) of #6 Bonding Braid, 5 ferrules, bolt, nut and 2 locknuts	50 units
8000723	18" (457) of #9 insulated Bonding Braid with pipe plug	50 units
8000729	18" (457) of #6 insulated Bonding Braid, "piggyback" pipe plug, external bonding ribbon, lockwasher, nut	50 units

Catalog No.: 8000714



1. Pipe plug
2. Ferrules, bolt, nut and locknuts
3. Braid

Catalog No. 8000723



Pipe Plug External Bond Kit

The "piggyback" Pipe Plug Bonding Kit is a specially designed adaptation of the External Bond Kit for plastic splice cases. An 18" #6 bonding braid and external bond ribbon mate at the "piggyback" plug, bringing cable shield bonds out of the plastic case and providing proper ground connection.

Catalog No.: 8000729

