

Dec. 5, 2013



### New Product Flyer

#### Introduction

Preferred Lightning Protection, Inc. is excited to introduce our newest products and capabilities. Following are several new products with current inventories and products that will be available very soon. We have added a new U-bolt Air Terminal base line that will accommodate pipe sizes from 1/2" up to 8" in diameter. We have also expanded our selection of ground access wells, the maximum spool capacity for Class 1 Lightning Protection Cables, and other clamps and bases. Our products are UL Listed in both the United States and Canada.

Coming in the near future will be a 1-bolt bimetallic splicer, in-house competitive ground bar assemblies, and expansion of our ground plate line. Most of these products will be available in the next 2-4 weeks. We will keep you posted when they are available.

We thank you for the opportunity to serve you and appreciate your business. Please contact us if you need any special or custom products or have ideas for new products. We are always looking to improve our product lines and serve your custom needs.

We have recently joined Facebook; visit us and "Like" our page. We will be adding a link to our website where you can register to receive our newsletter. The newsletter will be a periodic letter to inform about products, pricing, or just helpful installation tips. Please check the website and sign up for the newsletter.

Thank You

Ken Pettlon  
President

Ken Pettlon II  
Vice-President

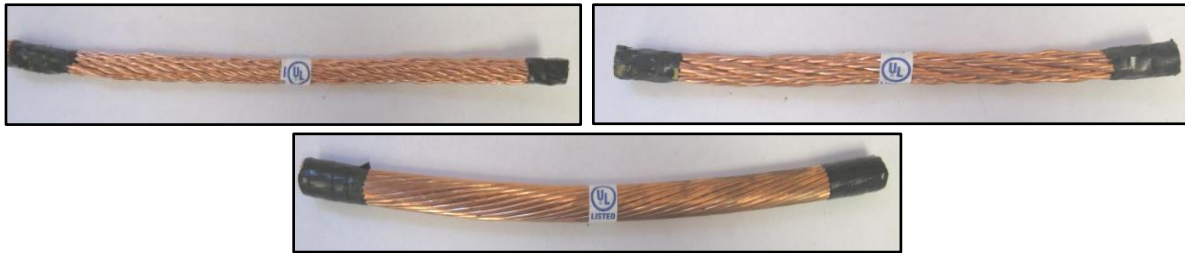
Kris Pettlon  
Vice-President



## Introduction to New and Upcoming products

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### Larger Size Spools of Cables



We now have the capabilities to offer larger spools of cable. Both our Class I aluminum and copper cables (A50, A51, and A52 aluminum cable, and C50, C51, and C52 bare and tinned copper cables) are available in the following standard size spools.

250' – Normally Stocked  
500' – Normally Stocked  
1000' – May require additional lead time  
5000' – May Require Additional Lead Time

We can also custom spool cable to your exact needs, up to a 5000' spool. Please let us know how we can serve you.

## Introduction to New and Upcoming products

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### **290 SERIES U-BOLT SWIVEL BASES WITH 3 SQ IN. OF CONTACT**

Cast aluminum or brass u-bolt pipe base with swivel point adapter. Available for O.D. pipe ranges from .400" to 8.625" and air terminal sizes 3/8", 1/2" and 5/8". Specify when ordering. Provides 3 square inches of contact to pipe. UL Listed.

#### **1" U-Bolt fits .400" to 1.315" O.D. pipes**

A291	Aluminum
C291	Bronze
C291L	Lead Coated Bronze

#### **2" U-Bolt fits 1.315" to 2.000" O.D. pipes**

A292	Aluminum
C292	Bronze
C292L	Lead Coated Bronze

#### **3" U-Bolt fits 1.900" to 3.000" O.D. pipes**

A293	Aluminum
C293	Bronze
C293L	Lead Coated Bronze

#### **4" U-Bolt fits 2.750 to 4.500" O.D. pipes**

A294	Aluminum
C294	Bronze
C294L	Lead Coated Bronze

#### **6" U-Bolt fits 4.500" to 6.750" O.D. pipes**

A296	Aluminum
C296	Bronze
C296L	Lead Coated Bronze

#### **8" U-Bolt fits 6.000" to 8.625" O.D. pipes**

A298	Aluminum
C298	Copper
C298L	Lead Coated Bronze

## Introduction to New and Upcoming products

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### **POLYMER CONCRETE GROUND ACCESS WELLS**

Light weight polymer concrete ground access wells meets ANSI Tier 15. Provided with box and bolt down cover. Each box has an open bottom and is stackable. For use in non-deliberate heavy vehicular traffic conditions. Cover is rated for 20K.

Part #	Description	Design Load	ANSI Tier	Weight (lbs.)
PC111818-T15	11"x18"x18"	15K	15	56
PC121212-T15	12"x12"x12"	15K	15	31
PC121218-T15	12"x12"x18"	15K	15	35
PC121224-T15	12"x12"x24"	15K	15	47
PC132418-T15	13"x24"x18"	15K	15	75

**Other sizes and materials are available. Please call our sales department for your specific needs. Extensions and other depths are also available.**

**ANSI Tier 22 products are available.  
(design load for 20K)**

## Introduction to New and Upcoming products

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**MODEL 910**



**MODEL 2200**

### **LIGHT DUTY HDPE PLASTIC ENCLOSURES**

High Density Polyethylene (HDPE) inspection wells with “twist lock” cover and locking bolt. Provided with 2 knockouts. Provide strong, durable, chemical, and water resistant and are easy to install. Meets ANSI tier for pedestrian and for use in non-vehicular traffic areas. Foot traffic only.

PW910	9” Round x 10” depth
PW2200	12” Round x 18” depth

Other sizes and materials are available. Please call our sales department for your specific needs. Extensions and other depths are also available.



### **SCHEDULE 80 PVC GROUND ACCESS WELL**

PVC Ground access well-10” diameter with cast iron bolt down cover. For use in traffic areas

P649SC80CIL	10” diameter x 12” long with cast iron cover
P650SC80CIL	10” diameter x 18” long with cast iron cover
P651SC80CIL	10” diameter x 24” long with cast iron cover
P652SC80CIL	10” diameter x 36” long with cast iron cover
P653SC80CIL	10” diameter x 48” long with cast iron cover

## Introduction to New and Upcoming products

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### **SCHEDULE 80 PVC SLOTTED ACCESS WELL WITH CAST IRON COVER**

Schedule 80 PVC, 10" diameter with 4 slots to allow installation after grounding connections have been made. Comes complete with cast iron bolt down lid. For use in traffic areas.

P652SC80CILX4SL	10" diameter x 36" long with cast iron cover
P652X42SC80CILX4SL	10" diameter x 42" long with cast iron cover



### **SCHEDULE 40 PVC GROUND ACCESS WELL**

Schedule 40 PVC ground access well with 10" or 12" ID diameter. Galvanized steel lid included. For use in non-vehicular areas.

#### **10" diameter**

P649	12" long
P650	18" long
P651	24" long
P652	36" long

#### **12" diameter**

P654	12" long
P655	18" long
P656	24" long
P657	36" long

**The following access wells are also available but may require 2-4 week time**

## Introduction to New and Upcoming products

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### CONCRETE ROADWAY TRAFFIC GROUND ACCESS WELLS

High density reinforced concrete access boxes. For use in areas with deliberate roadway traffic. A bolt down cast iron lid comes standard with access well and other lid options and sizes are available.

PG05T      10-3/8" I.D. x 12" depth round concrete well  
PG08T      13" I.D. x 12" depth round concrete well

Other sizes and materials are available. Please call our sales department for your specific needs. Extensions and other depths are also available.



### MEDIUM DUTY ACCESS WELL

Constructed of a durable, light weight composite material that is a proven alternative to concrete. Does not absorb moisture and degrade when holes are drilled through. Suitable for use in non-deliberate vehicular traffic areas and meets ANSI Tier 8.

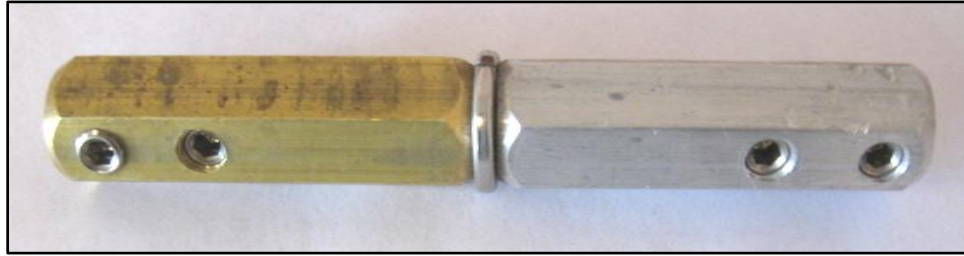
PFL08TC      9" Round x 12" depth access well

Other sizes and materials are available. Please call our sales department for your specific needs. Extensions and other depths are also available.



## Introduction to New and Upcoming products

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### A320HSS BIMETALLIC SPLICER



Machined bimetallic straight splicer for making connections between aluminum and copper cables. Used to make connection inside 1" PVC Conduit. Use with all main size conductors. UL Listed.

A320HSS      Aluminum to Copper Bimetallic



### 8" U-BOLT BONDING CLAMP

Cast U-Bolt pipe clamps. Provides 1-1/2" of contact on pipe and cable. Use with all full size conductors. Fits pipe sizes 6.000" to 8.625". UL Listed

### 8" U-Bolt fits 6.00" to 8.625" O.D. pipes

A428	Aluminum
C428	Copper
C428L	Lead Coated Bronze



## Introduction to New and Upcoming products

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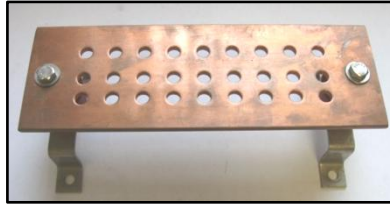


### **C486 SILLCOCK BONDING CLAMP**

Cast bronze Sillcock water bonding clamp. Connects directly to the threads on the sill cock. Accepts cable and wire sizes from #6 to 250 MCM. UL Listed.

C486              Sillcock Bonding Clamp

# Introduction to New and Upcoming products



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## Ground Bar Numbering System

To order a ground bar, simply choose a code from each of the sections and connect them to form the part number. If a section is not needed, such as a pigtail, leave it blank. An example of a Tinned copper ground bar with insulators and brackets using 1/4" thick X 4" wide X 24" long material with a customer spec hole pattern and an exothermically welded 2/0-19 strand pigtail attached is given below:

Section #    1        2        3        4        5        6        7        (TCGBA14424CTCXC56-1910)

                 [TCGB] [A] [14 4 24] [CTC] [X] [C2/0-19] [10]

### Section 1 -- Type of material

**AGB** – Aluminum Ground Bar    **CGB** – Copper Ground Bar    **TCGB** -- Tinned Copper Ground Bar  
**SGB**-Stainless Steel Ground Bar

### Section 2 -- Configuration

**A** – Insulators and Brackets    **B** – Bracket Only    **I** – Insulators Only    **N** – Nothing (Bar Only)

### Section 3 – Size of bar (thickness, width, length in inches)

Thickness    **14** = 1/4"    **38** = 3/8"    **12**=1/2"    etc.

Width        **1** = 1"        **2** = 2"        **3**=3"        **4** = 4"        **5** = 5"        **6** = 6"        etc.

Length        Round to the nearest inch    **12** = 12"    **24** = 24"    **30** = 30"    etc.

### Section 4 -- Hole Pattern

Refer to the following pages for hole pattern selection. If the desired hole pattern is not shown, add **CTC** = (Cut to Customers Specific Needs). We can design any hole configuration or match any design.

### Section 5 – Determination of Pigtail

If no pigtail is required leave blank and you are done.

**X** = exothermically welded pigtail is needed, proceed to type of cable and length of pigtail

### Section 6 – Cable for Pigtail

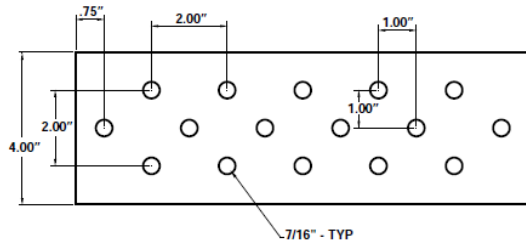
Refer to the Ground Conductor Section of the catalog for conductor choices (pages 2-5)

### Section 7 – Pigtail Length

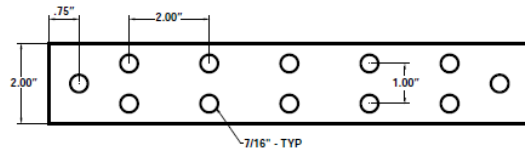
Round to the nearest foot    **10** = 10'    **14** = 14'    **19** = 19'    **25** = 25'    etc.

# Introduction to New and Upcoming products

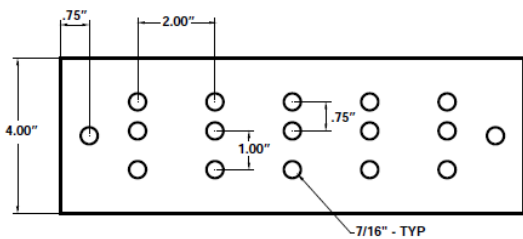
## GROUND BAR HOLE PATTERNS



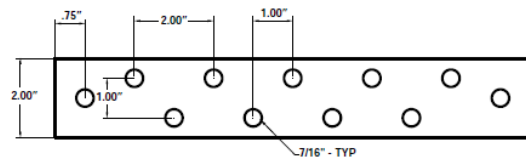
**Pattern A**



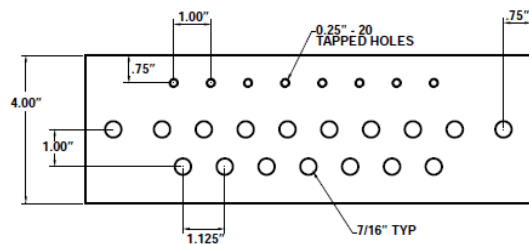
**Pattern B**



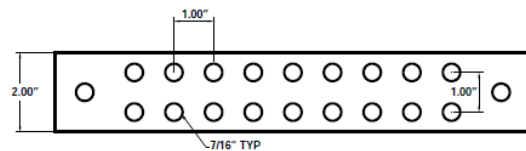
**Pattern C**



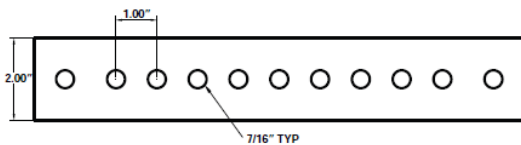
**Pattern D**



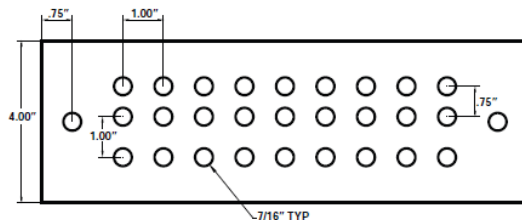
**Pattern F**



**Pattern G**



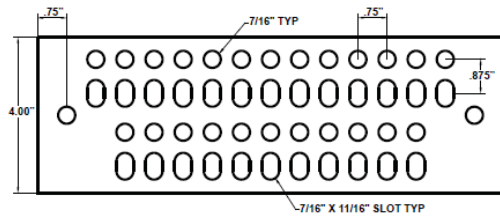
**Pattern H**



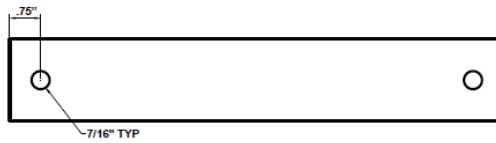
**Pattern J**

Note: All holes are 7/16" unless specified differently. To order threaded holes, specify hole size. The standard tapped hole size is 1/4-20 unless specified differently. Above bar patterns represent 12" ground bar. All bars available with electro-tin plating.

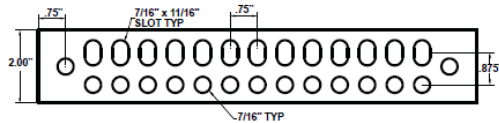
# Introduction to New and Upcoming products



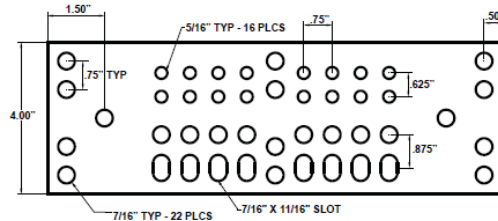
**Pattern M**



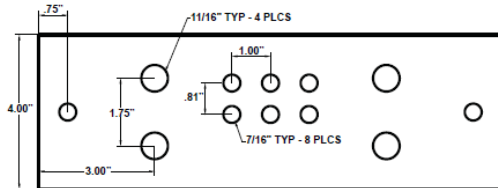
**Pattern N**



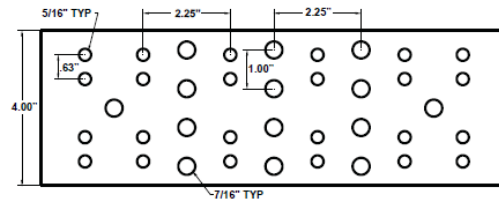
**Pattern P**



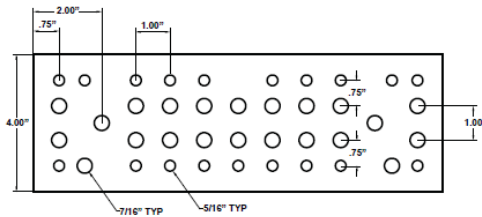
**Pattern Q**



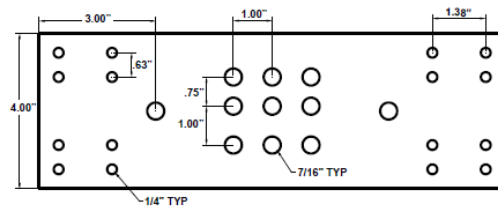
**Pattern R**



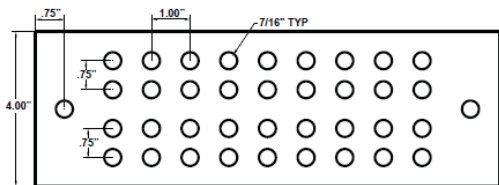
**Pattern S (BICSI)**



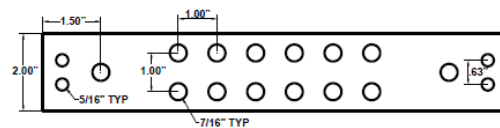
**Pattern T**



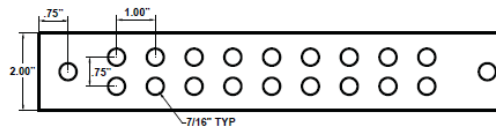
**Pattern V**



**Pattern W**



**Pattern X**



**Pattern Z**

## NEW PRODUCTS COMING IN LATE DECEMBER OR JANUARY



### A324 BIMETALLIC SPLICER WITH BARRIER

Cast bimetallic 1-bolt parallel cable splicer for connections between aluminum and copper. Dissimilar conductors are separated by an approved barrier. For use with all main size conductors. UL listed.

A324                      Bimetallic 1-bolt parallel splicer

**Preferred Lightning Protection, Inc. is continuing to expand, improve, and add to our product lines. Please visit our website and sign up for our newsletter so you may be informed of the latest news and updates. Thank you for your business**