

PoolBond PB-2008 Water Bonding Fitting
Follow these Important Safety Instructions

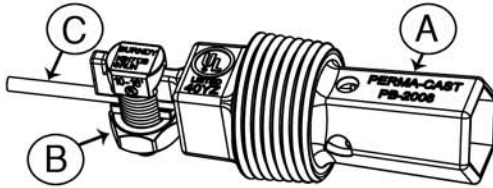


PoolBond
ELECTRICAL POOL BONDING



Part Number
PB-2008

Step 1 Components

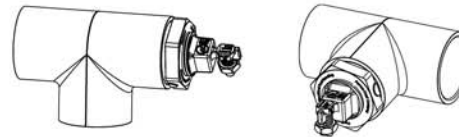


- A. PoolBond Casting Part Number PB-2008 with 1" NPT Pipe Thread.
- B. Split Bolt Connector, UL rated for Direct Burial.
- C. Solid #8 Copper wire, not supplied.

Step 2 Fitting Orientation

- Install in Pool Plumbing using a Plumbing Tee.
- Always install the Poolbond Tee with the fitting in horizontal or vertically down orientation to avoid trapped air in pool plumbing.

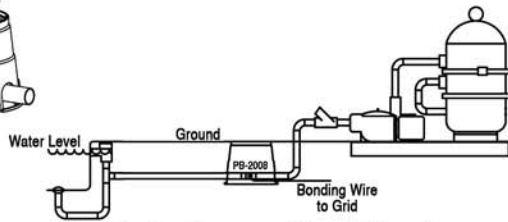
Horizontal
All Installations



Vertical Down
Above Ground Pools

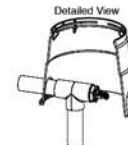
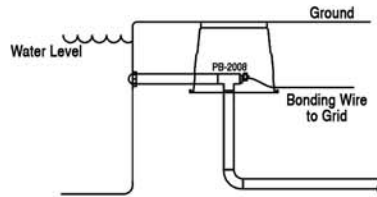


Step 3 Where to Install

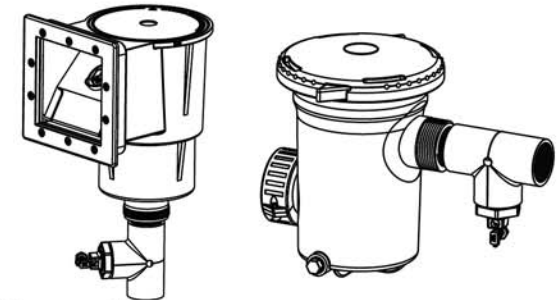


Installed near Pool Equipment — OR — Installed at Return Fitting

In-Ground Pools



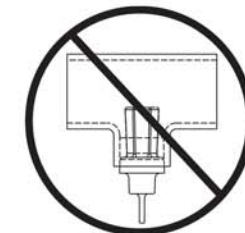
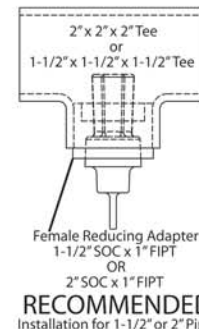
Above Ground Pools



- Install on In-ground & Above Ground Pools, Spas, Tubs, & Fountains.
- DO NOT bury the PoolBond fitting, it should be accessible for periodic inspection. A sprinkler valve box provides good access.
- IMPORTANT - Install PoolBond fitting at least 3" below water level to assure the fitting is contained in the pool water even when equipment is shut down.

Step 4 Installing PoolBond

- First, install the male threaded fitting in the threaded tee (dry fit) until the fitting just starts to tighten on the threaded tee. Count the number of turns it takes. Document this number and disengage the two parts.
- Apply thread sealant. Use Plumber Pipe Dope or Teflon Paste, do not use Teflon Tape.
- Reassemble the two parts using the number of turns recorded in the first step and tighten two more turns. Do not overtighten to avoid damaging plastic pipe.



2" SOC x 2" SOC x 1" FIPT
OR
1-1/2" SOC x 1-1/2" SOC x 1" FIPT
NOT RECOMMENDED

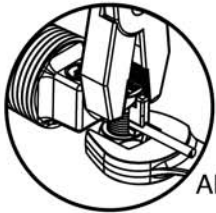
Perma-Cast Company
1871 Aspen Circle
Pueblo, Colorado 81006



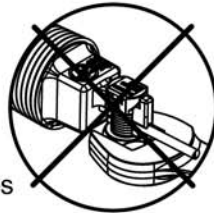
www.permacastonline.com

Step 5 Bond Wire Installation

- Connect a solid #8 copper bonding wire (not supplied) from the bonding grid to the PoolBond fitting using the split bolt connector.
- Always use 2 wrenches when tightening the split bolt to avoid bending the wire receptor tab on the PoolBond Fitting.
- Tighten the split bolt to 120 inch-pounds torque.

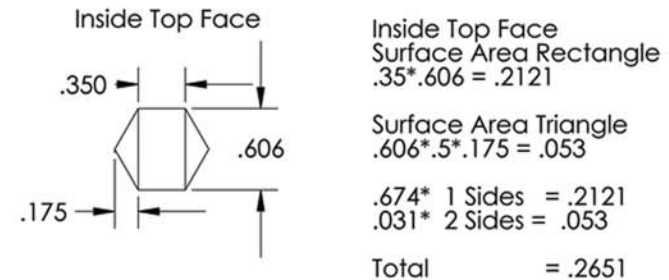
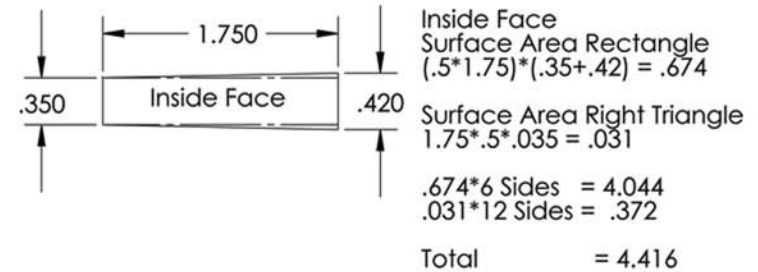
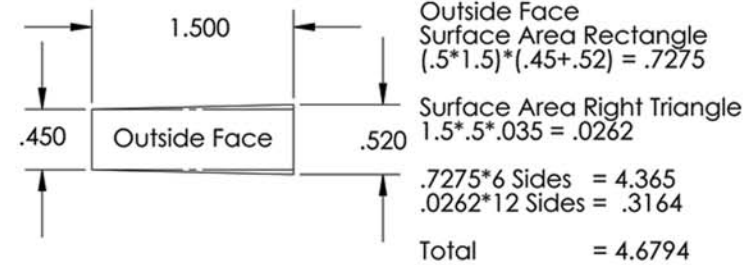


Always use 2 Wrenches



PB-2008 SPECIFICATIONS

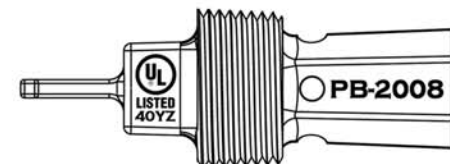
The 2008 National Electrical Code (NEC) requires that an intentional electrical bond of a minimum conductive surface area of 9 square inches be installed in contact with the swimming pool water. This requirement is spelled out in Section 680.26(C). PoolBond PB-2008 meets the specifications spelled out by the NEC.



Note: Area for fillets and outside face not shown, however, total surface area is an additional 1.29 Sq. In.

Outside Face = 4.679
Inside Face = 4.416
In. Top Face = .265
See Note = 1.290

Total Sq. In. = 10.65 Sq. In.



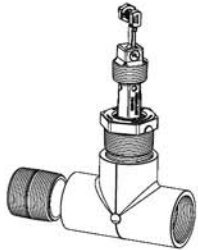
PoolBond Plumbing Kits

Don't Waste Time Searching for the Right Parts for the Job!

Available at your PoolBond Distributor

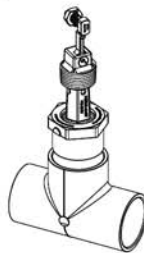
Above Ground Plumbing Kit

All Fittings are Threaded for simple Installation
Part Number: 08KIT-AG

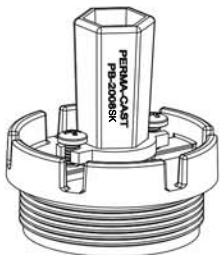


In-Ground Plumbing Kits

1-1/2" PVC Pipe - Part Number 08KIT-15
2" PVC Pipe - Part Number 08KIT-20

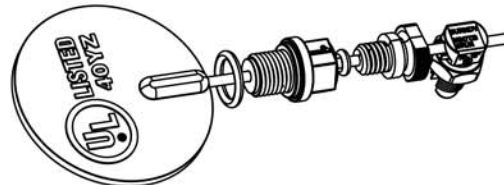


Other PoolBond Products



For In-Ground Pools

Skimmer Mount
Part number PB-SK-15 & PB-SK-20
Fits in Unused Skimmer Port
Best for New Construction
Patent: US 9,194,148 B1



For Above Ground Pools

Part Number PB-AG
Mounts under Pump Strainer Basket
Patent: US 9,194,148 B1

PoolBond
ELECTRICAL POOL BONDING

Perma-Cast Company, Pueblo CO
www.permacastonline.com

Call 719-544-9544 for Technical Assistance