



### **Permasert Mechanical Couplings**

The foundation of our entire system, Permasert couplings, are available in many different configurations and sizes to satisfy widely varying field requirements. Among the styles of Permasert couplings are straight fittings, reducing couplings, repair couplings, 3-way tees, 3-way reducing tees, elbows, wyes, blind end capes,

blind end stubs, and our CopperSert transition coupling. All of these products offer the same easy installation and safe operation detailed on the preceding pages.

- Sizes from 1/2" CTS (5/8" OD) to 2" IPS
- Metric sizes from 20mm - 63mm
- Available for all plastic pipe wall thicknesses
- Molded from gas grade medium density PE 2406 and high density PE 3408 polyethylene materials that meet or exceed the requirements of ASTM D-2513 and ISO 4437



### **Permasert XL Large diameter mechanical couplings**

Perfection's large diameter mechanical couplings provide the non-corrosive benefits of plastic combined with the fast, easy installation features of mechanical couplings for joining PE-to-PE, PE-to-Steel, PE-to-PVC, or PE-to-Cast Iron main line piping systems.

- 2", 3", 4", 6", and 8" IPS sizes available
- Center body section construction of ASTM D-2513/ISO 4437 gas grade high density (PE 3408) polyethylene.
- Design qualified for joining PE gas pipe (PE 2406 and PE 3408) to PE pipe, PVC pipe, steel pipe, or cast iron pipe.
- Pipe sizes include SDR 9/9.3, 11/11.5, 13.5
- Pull-out strength is greater than the connected PE piping.
- Non-corrosive components eliminate the need for anode protection or protective coatings.
- Meets the applicable requirements of US DOT CFR Title 49, Part 192.283(b) and ASTM D-2513 category 1