Through the use of our full selection of adapters, Plasson USA has a fitting to convert HDPE to every possible alternative connection. Flange adapters with our Uni-Ring ductile iron back-up ring are our most popular choice, followed by transitions to metal pipe with butt-weld ends, grooved ends, and male NPT threaded ends – coated with durable epoxy. Mechanical Joint (MJ) adapters are available in either IPS or DIPS diameters with optional compression gland accessory kits.
**FLANGE ADAPTERS**

Used with a metal back-up ring, this adapter is fused to the plain end of a mating pipe or fitting by butt fusion or electrofusion. A flange adapter has a length sufficient to be clamped by conventional butt fusion equipment. Available ring type, full face, and beveled for butterfly use.

**SIZE RANGE:** 1” thru 63” IPS and DIPS  
**DR RANGE:** 32.5 thru 6

**STUB ENDS**

Used with a metal back-up ring, this adapter is fused to the plain end of a mating pipe or fitting by butt fusion only. The short length of a stub end requires the use of a stub end holder in order to be clamped by butt fusion equipment.

**SIZE RANGE:** 1” thru 63” IPS and DIPS  
**DR RANGE:** 32.5 thru 6

**BACK-UP RINGS**

Metallic lap joint style flange rings required to apply uniform high compression to an HDPE flange adapter bolted to a mating flange.

**SIZE RANGE:** 1” thru 63”  
**MATERIALS:** ductile iron, carbon steel, stainless steel  
**CLASS:** ANSI 150

**TRANSITION FITTINGS**

Category 1 and 3 are available to make a one-piece connection to polyethylene pipe or fitting.

**SIZE RANGE:** ½” thru 24”  
**METAL MATERIALS:** epoxy coated carbon steel, stainless steel, and brass  
**END CONNECTION:** plain (HDPE); male NPT, butt weld, Victaulic type grooved (METAL)

**MECHANICAL JOINT ADAPTERS**

An MJ Adapter is used when mating HDPE to a ductile iron valve or fitting. The plain end of the adapter is fused to HDPE pipe enabling the other end of the elastomer gasketed fitting to be compressed into the ductile iron hub securely with the ductile iron compression gland.

**SIZE RANGE:** 4” – 42” DIPS and IPS