



Standard HDPE Transition Fittings are simple and reliable. These lighter-weight fittings are available in epoxy-coated carbon steel and stainless steel, with threaded male or female NPT or grooved transitions, and have PE3408/4710 pipe inserted through the entire fitting, making it perfect for applications involving the conveyance of abrasive or corrosive materials.

Integrity Fusion Products Standard Transition Fittings are designed to provide a full pressure seal, plus an ASTM D2513 Category 3 pipe restraint rating equivalent to the anticipated thermal stresses occurring in a pipeline.

Integrity Fusion Products Standard Transition Fittings are qualified to ASTM D2513 Category 3 standards and are commonly used in applications such as.

- Potable Water
- Dredging
- Process Lines
- Wastewater
- Landfill
- Saltwater Disposal
- Oilfield
- Irrigation
- Geothermal
- Industrial
- Mining

INSTALLATION RECOMMENDATIONS

Standard Transition HDPE pipe ends can be joined with Butt Fusion, electrofusion or compression fittings rated for use with HDPE pipe and fittings. All joints should comply with the pipe manufacturer's recommended procedures.

Threaded End: When installing the standard transition fitting, the installer should always use pipe joint sealant or Teflon tape on the threads. First, hand tighten the transition fitting and then use two (2) strap wrenches (as shown in photo) to tighten the transition fitting the rest of the way.

Do not use traditional pipe wrenches. Pipe wrenches can deform the transition sleeve and cause the internal barbs to come loose from the HDPE pipe stub and create a potential leak path. Over tightening may also cause ovality or damage. Always pressure test for leaks before backfilling. Backfill and compact carefully around transition and service line to prevent ground shifts which could damage the valve and/or transition fitting.

