

Integrity Fusion Products offers a full line of **Heavy-Duty Internally and Externally Epoxy Coated, Weld-End ASTM A106/A5 Schedule 40 Carbon Steel** HDPE Transition Fittings. *Integrity Fusion Products Heavy-Duty Transition Fittings* provide a robust mechanical joint built around an internally machined and beveled groove design, allowing it to work at the MAOP (*maximum allowable operating pressure*) of the inserted HDPE pipes SDR. *Integrity Fusion Products Heavy-Duty Transition Fittings* are designed to provide complete, unobstructed HDPE coverage through the ID of the transition collar for total corrosion protection, providing you with a **piggable** seal plus a pipe restraint rating equivalent to the expected thermal stresses that occur in a pipeline. *Integrity Fusion Heavy-Duty Transition Fittings* meet or exceed the **ASTM D2513 Category 3** mechanical joint requirements (**this fitting CANNOT be used in natural gas applications**) and are manufactured in a variety of nominal pipe sizes and SDR's. *Integrity Fusion Products Heavy-Duty Transition Fittings* are manufactured and tested to meet the requirements of **ASTM D3261, ASTM 1598, ASTM 1599, ANSI/AWWA C901, C906, and NSF/ANSI/ CAN-61, and NSF/ANSI-372 (where applicable)**, for use with outside diameter-controlled pipe and fittings conforming to **ASTM D2513, ASTM D3035, and ASTM F-714**. *Integrity Fusion Products Heavy-Duty Transition Fittings* can be heat fused to any manufacturers' PE pipe, molded fittings, or fabricated fittings manufactured from material made from PE3408 / PE4710 / PE100 resin that complies to **ASTM D3350**. *Integrity Fusion Products Heavy-Duty Transition Fittings* are also available in a **Heavy-Duty Thread End** and **Heavy-Duty Cut Groove** design.

Steel to HDPE Transition Fittings manufactured by Integrity Fusion Products, are all-purpose, steel to HDPE mechanical transition fittings that are designed and manufactured for use in applications that include, but are not limited to:

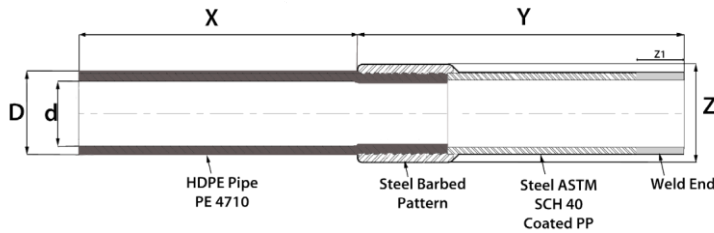
- Oil and gas production
- Municipal potable water distribution and service lines
- Saltwater Disposal
- Irrigation
- Mining
- Geothermal
- Dredging
- Wastewater conveyance
- Process Lines
- Industrial piping applications
- Landfill
- Telecom Conduit

Weld-End Transitions

SDR 17 (standard dimension ratio)

125 PSI (MAOP @ 73.4°F)

| Nominal Size | Transition Collar | X Exposed HDPE Length | Y Steel Collar Length | D HDPE Pipe OD | d HDPE Pipe ID | Z Steel Collar Width | Z1 Uncoated Weld Zone | Weight [lbs.] | Item Code |
|--------------|-------------------|--------------------------|--------------------------|-------------------|-------------------|-------------------------|--------------------------|---------------|-----------|
| 6" IPS | Epoxy | 13.05 | 17.88 | 6.625 | 5.845 | 7.08 | 2.0 | 44.2 | 400737 |
| 8" IPS | Epoxy | 11.72 | 22.82 | 8.625 | 7.611 | 9.81 | 2.0 | 89.1 | 400738 |



Weld-End Transitions

SDR 11 (standard dimension ratio)

200 PSI (MAOP @ 73.4°F)

| Nominal Size | Transition Collar | X Exposed HDPE Length | Y Steel Collar Length | D HDPE Pipe OD | d HDPE Pipe ID | Z Steel Collar Width | Z1 Uncoated Weld Zone | Weight [lbs.] | Item Code |
|--------------|-------------------|--------------------------|--------------------------|-------------------|-------------------|-------------------------|--------------------------|---------------|-----------|
| 2" IPS | Epoxy | 15.52 | 13.76 | 2.375 | 1.943 | 3.00 | 2.0 | 7.7 | 400718 |
| 3" IPS | Epoxy | 15.23 | 17.84 | 3.500 | 2.864 | 4.03 | 2.0 | 13.6 | 400721 |
| 4" IPS | Epoxy | 15.12 | 17.92 | 4.500 | 3.682 | 5.28 | 2.0 | 22.7 | 400724 |
| 6" IPS | Epoxy | 13.05 | 17.88 | 6.625 | 5.421 | 7.08 | 2.0 | 46.2 | 400727 |
| 8" IPS | Epoxy | 11.72 | 22.82 | 8.625 | 7.057 | 9.81 | 2.0 | 92.6 | 400730 |

Weld-End Transitions

SDR 9 (standard dimension ratio)

255 PSI (MAOP @ 73.4°F)

| Nominal Size | Transition Collar | X Exposed HDPE Length | Y Steel Collar Length | D HDPE Pipe OD | d HDPE Pipe ID | Z Steel Collar Width | Z1 Uncoated Weld Zone | Weight [lbs.] | Item Code |
|--------------|-------------------|--------------------------|--------------------------|-------------------|-------------------|-------------------------|--------------------------|---------------|-----------|
| 2" IPS | Epoxy | 15.52 | 13.76 | 2.375 | 1.943 | 3.00 | 2.0 | 7.9 | 400720 |
| 3" IPS | Epoxy | 15.23 | 17.84 | 3.500 | 2.864 | 4.03 | 2.0 | 13.9 | 400723 |
| 4" IPS | Epoxy | 15.12 | 17.92 | 4.500 | 3.682 | 5.28 | 2.0 | 23.3 | 400726 |
| 6" IPS | Epoxy | 13.05 | 17.88 | 6.625 | 5.421 | 7.08 | 2.0 | 47.5 | 400729 |
| 8" IPS | Epoxy | 11.72 | 22.82 | 8.625 | 7.057 | 9.81 | 2.0 | 94.6 | 400732 |

Weld-End Transitions

SDR 7 (standard dimension ratio)

335 PSI (MAOP @ 73.4°F)

| Nominal Size | Transition Collar | X Exposed HDPE Length | Y Steel Collar Length | D HDPE Pipe OD | d HDPE Pipe ID | Z Steel Collar Width | Z1 Uncoated Weld Zone | Weight [lbs.] | Item Code |
|--------------|-------------------|--------------------------|--------------------------|-------------------|-------------------|-------------------------|--------------------------|---------------|-----------|
| 2" IPS | Epoxy | 15.52 | 13.76 | 2.375 | 1.943 | 3.00 | 2.0 | 8.1 | 400719 |
| 3" IPS | Epoxy | 15.23 | 17.84 | 3.500 | 2.864 | 4.03 | 2.0 | 14.4 | 400722 |
| 4" IPS | Epoxy | 15.12 | 17.92 | 4.500 | 3.682 | 5.28 | 2.0 | 24.1 | 400725 |
| 6" IPS | Epoxy | 13.05 | 17.88 | 6.625 | 5.421 | 7.08 | 2.0 | 49.2 | 400728 |
| 8" IPS | Epoxy | 11.72 | 22.82 | 8.625 | 7.057 | 9.81 | 2.0 | 97.6 | 400731 |