

AWWA
C901/C906



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:

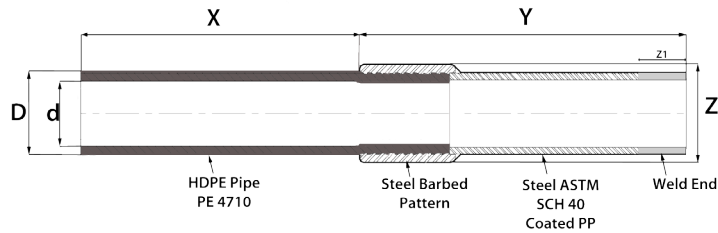
- Oil and gas production
- Municipal potable water distribution and service lines
- Saltwater Disposal
- Irrigation
- Mining
- Geothermal
- Dredging
- Wastewater conveyance
- Process Lines
- Industrial piping applications
- Landfill
- Telecom Conduit

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


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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