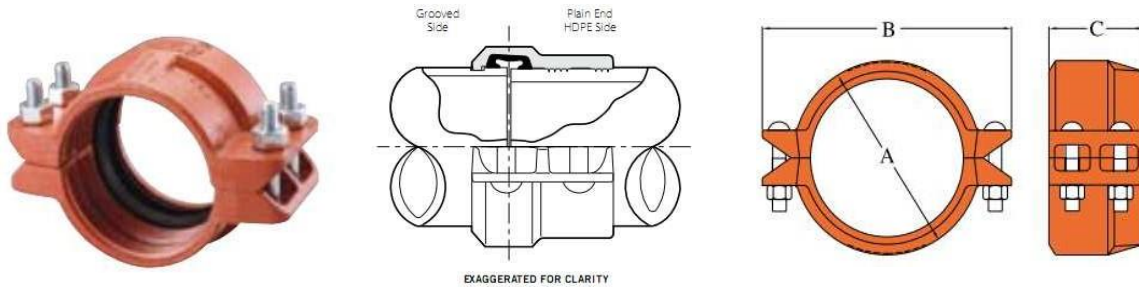


## HDPE Transition Couplings



Mechanical HDPE transition fittings are an ideal solution to join high density polyethylene pipe with grooved steel pipe. These HDPE transition fittings offer a light, easy to handle design with sharp, well-defined teeth for maximum penetration and grip. Engineered to satisfy the working pressure of DR 7.3 to DR 32.5.

### DIMENSIONS

Nominal Size mm/in	Pipe O.D mm/in	Working Pressure PSI/MPa	Bolt Size	Dimensions mm/in			Approx. Weight kgs
			No.-Size mm	A	B	C	
50	60.3	300	3/8X55*4	84	146	78	1.49
2	2.375	2.07		3.307	5.748	3.071	
80	88.9	300	1/2X75*4	112	174	79	2.16
3	3.500	2.07		4.409	6.850	3.110	
100	114.3	300	1/2X75*4	142	208	95	3.11
4	4.500	2.07		5.591	8.189	3.740	
150	168.3	300	5/8X85*4	198	280	96	5.04
6	6.625	2.07		7.795	11.024	3.800	
200	219.1	300	5/8X85*4	260	342	107	7.82
8	8.625	2.07		10.236	13.465	4.213	
250	273	300	3/4X120*4	314	424	128	13.07
10	10.748	2.07		12.362	16.693	5.039	
300	323.9	300	3/4X120*4	368	470	129	21.92
12	10.748	2.07		14.488	18.504	5.079	

### MATERIAL SPECIFICATION

**Couplings:** Ductile iron conforming to ASTM A-536, grade 65-45-12.

**Housing Coating:** Paint orange

- **Optional:** Paint red

**Coupling Gasket:**

- **EPDM:** Temperature range -34°C to +150°C. Recommended for hot water service within the specified temperature range plus a variety of dilute acids, oil-free air and many chemical services. NOT RECOMMENDED FOR PETROLEUM SERVICES.
- **Nitrile Rubber:** Temperature range -29°C to +82°C. Recommended for petroleum products, air with oil vapors, vegetable and mineral oils within the specified temperature range. NOT RECOMMENDED FOR HOT WATER SERVICES OVER +150°F/+66°C OR FOR HOT DRY AIR OVER +140°F/+60°C.

**Bolts/Nuts:** Carbon steel bolts and flanges nuts, ISO 898-1 class 8.8

## INSTALLATION



**MARKING:** Use a marking pen or other marking tool and measuring tape to place marks on each pipe end, 1" from each end.



**GASKET MOUNTING:** Place a gasket over the pipe ends and center the gasket in between the marks\*. The pipe ends should always be butted against each other.



**HOUSING MOUNTING:** Place the housings over gasket and insert bolts. Then apply nuts finger tight.



**NUT TIGHTENING:** Tighten the nuts alternatively until the housing bolt pads meet metal to metal.

## WARRANTY

Refer to the Warranty section of the current Price List or contact 100TONG for details.

## NOTE

This product shall be manufactured by 100TONG or to 100TONG specifications. All products to be installed in accordance with current 100TONG installation/assembly instructions. 100TONG reserves the right to change product specifications, designs and standard equipment without notice and without incurring obligations.