

H307 ISO HDPE TRANSITION COUPLING

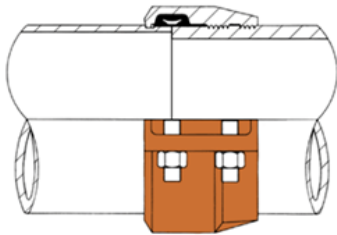


For pressure rating, listing, and approval information, refer to data sheet or visit SHURJOINT website www.shurjoint.com for details or contact your SHURJOINT representatives.

The Shurjoint Model H307 ISO HDPE transition coupling provides for a fast, easy, and direct transition from HDPE pipe and or fittings to grooved end steel pipe (IPS).



H307 ISO HDPE Transition Couplings should always be installed so that the coupling bolt pads make metal to metal contact.



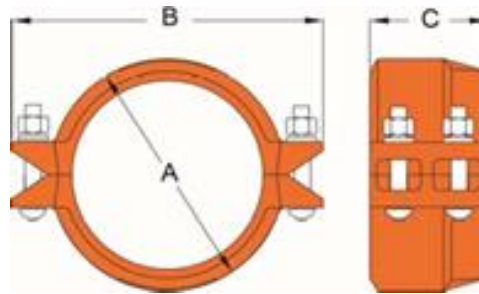
Shurjoint HDPE couplings are not intended for use on PVC, PP or other materials.

Shurjoint recommends the use of a silicone-based lubricant for the HDPE series. Do not use the *Shurjoint* standard lubricant, which is designed for steel pipe use. Do not use hydrocarbon-based oils, grease, or soap-based solutions either as this could lead joint failure.



material specification

- **Housing:**
Ductile Iron to ASTM A536 Gr. 65-45-12, min. tensile strength 65,000 psi (448MPa).
- **Surface Finish:**
Standard painted finishes in orange or RAL3000 red.
 - Electro-zinc plated (Option).
 - Epoxy Coatings in RAL3000 red or other colors (Option)
- **Rubber Gasket:**
Grade "E" EPDM (Color code: Green stripe) Good for cold & hot water up to +230°F (+110°C). Also good for services for water with acid, water with chlorine or chloramines, deionized water, seawater and waste water, dilute acids, oil-free air and many chemicals. Not recommended for petroleum oils, minerals oils, solvents and aromatic hydrocarbons.
Maximum Temperature Range: -30°F (-34°C) to +230°F (+110°C)*.
*EPDM gaskets for water services are not recommended for steam services unless couplings or components are accessible for frequent gasket replacement.
 - Other options: Grade "T" - Nitrile
Grade "O" - Fluoroelastomer.
Grade "L" - Silicone.
- For additional details contact Shurjoint.
- **Bolts & Nuts:**
Heat treated carbon manganese steel track bolts to ASTM A449-83a (or A183 Gr. 2), minimum tensile strength 110,000 psi (758 MPa), Zinc electroplated, with heavy-duty hexagonal nuts to ASTM A563.
- **Washers:**
Carbon steel to ASTM A36, ISO 3574. Gr. A. Large size washer to ISO 7089, DIN 25 or JIS B 1256 - 1978. Zinc Plated to ISO 4042 or JIS B1044. Hardness: HV300.



Model H307 ISO HDPE Transition Coupling

Pipe O.D.		Dimensions			Bolts		Weight
HDPE	IPS	A	B	C	No.	Size	
mm	mm	mm	mm	mm		in	Kg
63.0	60.3	86	146	73	4	M10 x 55	1.5
75.0	73.0	97	159	73	4	M10 x 55	1.9
90.0	88.9	114	178	73	4	M12 x 75	2.3
110.0	114.3	144	203	76	4	M12 x 75	2.8
160.0	165.1	194	254	76	4	M12 x 97	6.2
160.0	168.3	198	257	76	4	M12 x 97	6.2
200.0	219.1	256	321	85	4	M16 x 90	6.4
250.0	273.0	321	394	97	4	M20 x 120	11.9
315.0	323.9	375	451	97	4	M20 x 120	12.7

*Working Pressure: Since the physical strength of the Shurjoint HDPE couplings is much greater than HDPE pipe, working pressures are governed by the working pressures of the HDPE pipe, which vary depending on pipe composition, wall thickness and service temperatures.

General note

- Field Joint Test: For one time only, the system may be tested hydrostatically at 1½ times the maximum working pressure listed (AWWA C606 5.2.3).
- Warning: Piping systems must always be depressurized and drained before attempting disassembly and or removal of any components.
- The 10 Year Limited Warranty applies to manufacturing defects only and does not cover severe service/temperature applications or wear parts.
- Shurjoint reserves the right to change specifications, designs and or standard without notice and without incurring any obligations.