

MODEL H307 ISO HDPE TRANSITION COUPLING

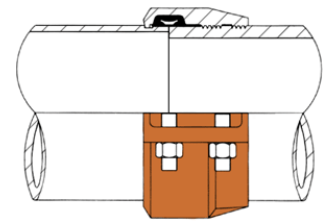
The **Shurjoint** Model H307 ISO HDPE transition coupling provides for a fast, easy and direct transition from HDPE pipe and or fittings to grooved end steel pipe (IPS).



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

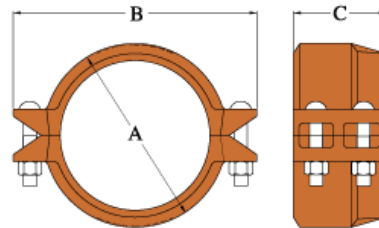


Working Pressure: Since the physical strength of the **Shurjoint** HDPE couplings is much greater than HDPE pipe, working pressures are governed by the working pressures of the HDPE pipe, which vary depending on pipe composition, wall thickness and service temperatures.



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 join failure.



**10
YEAR
LIMITED
WARRANTY**

Full warranty terms can be found on www.shurjoint.com

Model H307 ISO HDPE Transition Coupling							
Pipe O.D.		Dimensions			Coupling Bolts		Approx. Weight
HDPE	IPS	A	B	C	No.	Size	
mm	mm	mm	mm	mm		mm	Kgs
63.0	60.3	86	146	73	4	M10 x 55	1.5
75.0	73.0	97	146	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 75	6.2
160.0	168.3	198	257	76	4	M12 x 75	6.2
200.0	219.1	256	321	84	4	M16 x 90	6.4
250.0	273.0	321	432	127	4	M20 x 120	11.9
315.0	323.9	375	495	127	4	M20 x 120	12.7

MATERIAL SPECIFICATIONS

• **Housing:**

Ductile Iron to ASTM A536 Gr. 65-45-12 and or ASTM A395, Gr. 65-45-15, 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, 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.

- (Option) **Grade "T" Nitrile** (Color code: Orange stripe) Recommended for petroleum products, air with oil vapors, vegetable and mineral oils within the specified temperature range. Also good for water services under +150°F (+66°C).
Temperature range: -20 °F to +180 °F (-29 °C to +82 °C).
Do not use for HOT WATER above +150 °F (+66 °C) or HOT DRY AIR above +140 °F (+60 °C).
- Other options: 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.

General Notes:

- **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.

Job Name:	System No.	Location:
Contractor:	Approved:	Date:
Engineer:	Approved:	Date:

Shurjoint product specifications in U.S. customary units and metric are approximate and are provided for reference only. For precise measurements, please contact **Shurjoint** Technical Service. **Shurjoint** reserves the right to change or modify product design, construction, specifications, or materials without prior notice and without incurring any obligations to make such changes and modifications on **Shurjoint** products previously subsequently sold.