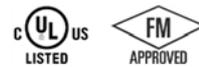


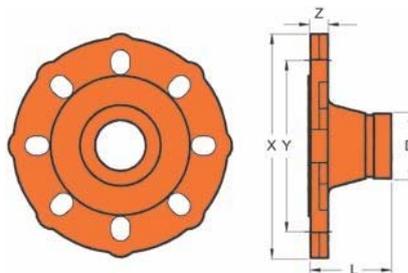
MODEL 7181 UNIVERSAL REDUCING FLANGE ADAPTER

The Model 7181 Universal Reducing Flange Adapter provides for a rigid transition between a flanged piping system and a one or two-size reduced grooved system without the use of a concentric reducer. The flange drilling can mate to ANSI 125/150, PN10/16, BS-10E and JIS 10K.

Shurjoint Model 7181 pressure ratings conform to the working pressure of the coupling used to join the system.



For Fire Protection pressure rating, listing, and approval information, refer to Data Sheet B-42 or visit **SHURJOINT** website, www.shurjoint.com for details or contact your **SHURJOINT** Representative.



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

Model 7181 Universal Reducing Flange Adapter

Nominal Size	Pipe O.D.	L	X	Z	Y: Flange Drilling			D	Bolts		Weight
					ANSI 125 / 150	PN 10, 16	JIS 10K		Dia.	No.	
in mm	in mm	in mm	in mm	in mm	in mm	in mm	in mm	in mm			Lbs Kgs
3 x 2 80 x 50	3.500 x 2.375 88.9 x 60.3	2.95 75.0	8.19 208.0	0.63 16.0	8.00 152	6.30 160	5.90 150	2.000 60.3	3/8 M16	8	5.95 2.70
4 x 2½ 100 x 65	4.500 x 2.875 114.3 x 73.0	3.00 76.0	8.88 225.5	0.63 16.0	7.52 191	7.09 180	6.89 175	2.875 73.0	3/8 M16	8	8.80 4.00
100 x 76.1 mm	4.500 x 3.000 114.3 x 76.1	3.00 76.0	8.88 225.5	0.63 16.0	7.52 191	7.09 180	6.89 175	3.000 76.1	3/8 M16	8	8.80 4.00
4 x 3 100 x 80	4.500 x 3.500 114.3 x 88.9	2.95 75.0	8.88 225.5	0.63 16.0	7.50 191	7.09 180	6.89 175	3.000 88.9	3/8 M16	8	7.61 3.45
6 x 4 150 x 100	6.625 x 4.500 168.3 x 114.3	2.95 75.0	11.46 291.0	0.95 24.0	9.50 241	9.45 240	9.45 240	4.000 114.3	3/4 M20	8	15.61 7.08

MATERIAL SPECIFICATIONS

- **Body:**
Ductile Iron to ASTM A536, Gr. 65-45-12 and or ASTM A395, Gr. 65-45-15, min. tensile strength 65,000 psi (448 MPa).
- **Surface Finish:**
Standard painted finishes in orange or RAL3000 red.
 - Hot dip zinc galvanized (Option)
 - Epoxy coatings in RAL3000 red or other colors (Option)

General Notes:

- **Pressure Ratings** for fittings conform to the working pressure of the coupling used to join the system.
- **Listed and or Approved Pressures** are pressure ratings for fire protection systems, tested and approved by various approval bodies. Please always refer to the latest approval data posted on the **Shurjoint** website.
- **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.

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.