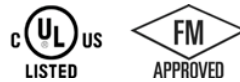


## 7181 UNIVERSAL REDUCING FLANGE ADAPTER



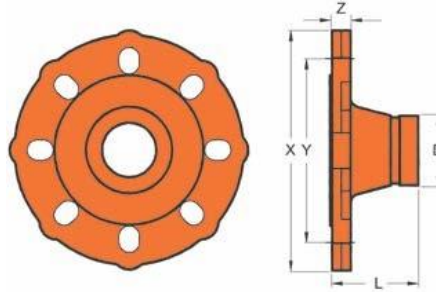
For pressure rating, listing, and approval information, refer to data sheet or visit SHURJOINT website [www.shurjoint.com](http://www.shurjoint.com) for details or contact your SHURJOINT representatives.

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.

### material specification

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



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	in	in	in	in	in	in	in	in			lbs
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm		kg
3 x 2	3.500 x 2.375	2.95	8.19	0.63	8.00	6.30	5.90	2.000	5/8	8	5.95
80 x 50	88.9 x 60.3	75.0	208.0	16.0	152	160	150	60.3	M16	8	2.70
4 x 2½	4.500 x 2.875	3.00	8.88	0.63	7.52	7.09	6.89	2.875	5/8	8	8.80
100 x 65	114.3 x 73.0	76.0	225.5	16.0	191	180	175	73.0	M16	8	4.00
100 x 76.1	4.500 x 3.000	3.00	8.88	0.63	7.52	7.09	6.89	3.000	5/8	8	8.80
	114.3 x 76.1	76.0	225.5	16.0	191	180	175	76.1	M16	8	4.00
4 x 3	4.500 x 3.500	2.95	8.88	0.63	7.50	7.09	6.89	3.000	5/8	8	7.61
100 x 80	114.3 x 88.9	75.0	225.5	16.0	191	180	175	88.9	M16	8	3.45
6 x 4	6.625 x 4.500	2.95	11.46	0.95	9.50	9.45	9.45	4.000	¾	8	15.61
150 x 100	168.3 x 114.3	75.0	291.0	24.0	241	240	240	114.3	M20	8	7.08

General note

- *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.