

7180 UNIVERSAL FLANGE ADAPTER



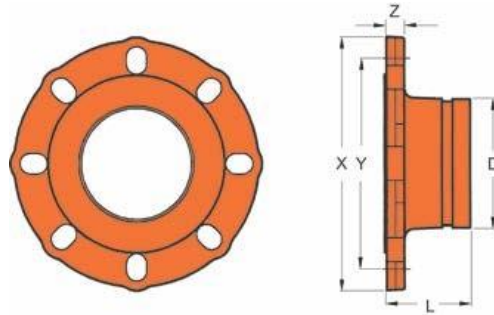
For pressure rating, listing, and approval information, refer to data sheet or visit SHURJOINT website www.shurjoint.com for details or contact your SHURJOINT representatives.

The Model 7180 Universal Flange Adapter provides all the benefits of our popular #7170 Flange Adapter with the added benefit of mating to a range of flange types including ANSI 125/150, PN10, PN16, JIS 10K and BS-10E.

Shurjoint Model 7180 flange adapter pressure ratings conform to the working pressure rating of the coupling used to join grooved pipe to the grooved side of the adapter, or to the working pressure rating of the flange system connecting to the flange side of the adapter, whichever is lower.

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 7180 Universal Flange Adapter

Nominal Size	Pipe O.D.	L	X	Y: Flange Drilling				Z	Bolts		Weight
				ANSI 125/150	PN 10/16	JIS 10K	BS 10E		Dia.	No.	
in	in	in	in	in	in	in	in	in	in		lbs
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm		kg
2	2.375	2.50	6.50	4.75	4.92	4.72	4.49	0.63	5/8	4	5.10
50	60.3	64	165	121	125	120	114	16	M16	4	2.30
2½	2.875	2.99	7.28	5.50	5.70	5.50	5.00	0.63	5/8	4	6.53
65	73.0	76	185	140	145	140	127	16	M16	4	2.96
76.1	3.000	2.99	7.28	5.50	5.70	5.50	5.00	0.63	5/8	4	6.40
	76.1	76	185	140	145	140	127	16	M16	4	2.90
3	3.500	2.95	7.87	6.00	6.30	5.90	5.75	0.63	5/8	4 / 8	7.47
80	88.9	75	200	152	160	150	146	16	M16	4 / 8	3.39
4	4.500	2.95	8.86	7.50	7.09	6.89	7.00	0.63	5/8	8	8.49
100	114.3	75	225	191	180	175	178	16	M16	8	3.85
139.7	5.500	2.95	10.00	8.50	8.27	8.27	8.27	0.87	5/8 / ¾	8	14.33
	139.7	75	254	216	210	210	210	22	M16 / M20	8	6.50
5	5.563	2.95	10.00	8.50	8.27	8.27	---	0.87	5/8 / ¾	8	14.33
125	141.3	75	254	216	210	210	--	22	M16 / M20	8	6.50
165.1	6.500	2.95	10.71	9.50	9.45	9.45	9.30	0.63	¾	8	13.86
	165.1	75	272	241	240	240	235	16	M20	8	6.30
6	6.625	2.95	10.71	9.50	9.45	9.45	---	0.63	¾	8	12.58
150	168.3	75	272	241	240	240	--	16	M20	8	5.72
8	8.625	4.00	13.50	11.75	11.61	11.42	11.50	0.87	¾	8 / 12	30.09
200	219.1	102	343	298	295	290	292	22	M20	8 / 12	13.65
	219.1	102	343	298	295	290	292	22	M20	8 / 12	13.65
200 JIS	8.516	4.00	13.50	11.75	11.61	11.42	---	0.87	¾	8 / 12	30.09
	216.3	102	343	298	295	290	--	22	M20	8 / 12	13.65

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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.

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