

MODEL 901 SHORT RADIUS 90° ELBOW 903 SHORT RADIUS TEE

Shurjoint short radius fittings, while primarily designed for fire protection applications, can also be used for general service requirements. The Model K-9 and Z05 rigid couplings can be used with short radius fittings without the worry of bolt pad interference.

Shurjoint grooved-end fittings are made of ductile iron per ASTM A536 Gr. 65-45-12 and or ASTM A395 Gr. 65-45-15. C-E dimensions are manufacturer's standard.

Shurjoint standard fitting pressure ratings conform to the ratings of Model 7707 couplings.



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

Models 901 / 903						
Nominal Pipe Size	Pipe OD	901 SR 90° Elbow			903 SR Straight Tee	
		C-E	Lbs	C-E	Lbs	
in mm	in mm	in / mm	Kgs	in / mm	Kgs	
2 50	2.375 60.3	2.75 70	1.5 0.7	2.75 70	2.2 1.0	
2½ 65	2.875 73.0	3.00 76	2.0 0.9	3.00 76	2.9 1.3	
76.1 mm	3.000 76.1	3.00 76	2.5 1.1	3.00 76	2.9 1.3	
3 80	3.500 88.9	3.38 86	3.1 1.4	3.38 86	4.4 2.0	
4 100	4.500 114.3	4.00 102	4.9 2.2	4.00 102	7.9 3.6	
139.7 mm	5.500 139.7	4.88 124	7.9 3.6	4.88 124	11.1 5.1	
5 125	5.563 141.3	4.88 124	7.9 3.6	4.88 124	10.1 4.6	
165.1 mm	6.500 165.1	5.50 140	12.9 5.9	5.50 140	16.5 7.5	
6 150	6.625 168.3	5.50 140	12.9 5.9	5.50 140	17.2 7.8	
8 200	8.625 219.1	6.94 176	23.4 10.6	6.94 176	36.3 16.5	

MATERIAL SPECIFICATIONS

• Fitting 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:

Orange color painted or red RAL3000 color painted.

(Option) Hot dip galvanized.

(Option) Epoxy coated in red RAL3000 or other colors.

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.

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.