

## MODEL 901 SHORT RADIUS 90° ELBOW 903 SHORT RADIUS TEE

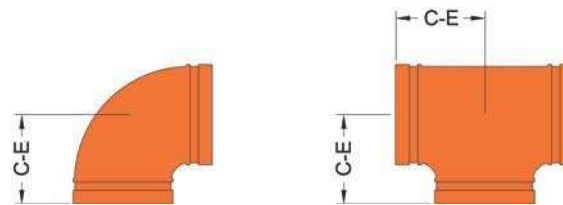
**Shurjoint** short radius fittings, while primarily designed for fire protection applications, can also be used for general service requirements. The Model K-9 and Z05 rigid couplings can be used with short radius fittings without the worry of bolt pad interference.

**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](http://www.shurjoint.com) for details or contact your **SHURJOINT** Representative.



Full warranty terms can be found on [www.shurjoint.com](http://www.shurjoint.com)

Models 901 / 903						
Nominal Pipe Size	Pipe O.D.	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.

*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.*