

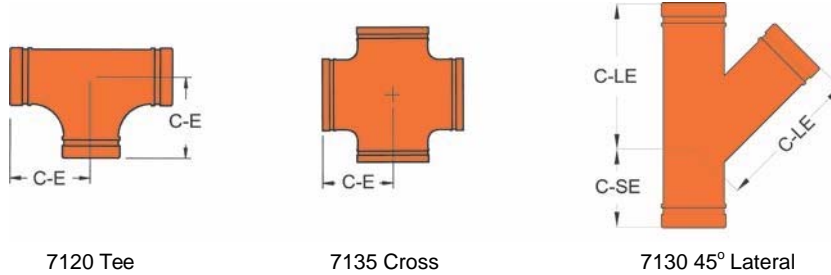
**MODELS 7120 TEE  
7135 CROSS  
7130 45° LATERAL**

*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)

Model 7120 TEE / 7135 CROSS / 7130 45° LATERAL									
Nominal Pipe Size	Pipe O.D.	#7120 Tee		#7135 Cross		#7130 45° Lateral			
		C-E	Lbs	C-E	Lbs	C-LE	C-SE	Lbs	Lbs
in / mm	in / mm	in / mm	Kgs	in / mm	Kgs	in / mm	in / mm	Kgs	Kgs
1 25	1.315 33.4	2.25 57	0.9 0.4	2.25 57	---	---	---	---	---
1¼ 32	1.660 42.2	2.75 70	1.5 0.7	2.75 70	---	---	---	---	---
1½ 40	1.900 48.3	2.75 70	2.0 0.9	2.75 70	---	---	---	---	---
2 50	2.375 60.3	3.25 83	2.9 1.3	3.25 83	2.7 1.2	7.00 178	2.75 70	4.4 2.0	4.4 2.0
2½ 65	2.875 73.0	3.75 95	4.8 2.2	3.75 95	6.6 3.0	7.75 197	3.00 76	6.2 2.8	6.2 2.8
76.1 mm	3.000 76.1	3.75 95	5.1 2.3	3.75 95	6.6 3.0	7.75 197	3.00 76	6.2 2.8	6.2 2.8
3 80	3.500 88.9	4.25 108	6.8 3.1	4.25 108	6.8 3.1	8.50 216	3.25 83	9.2 4.2	9.2 4.2
4 100	4.500 114.3	5.00 127	9.9 4.5	5.00 127	11.5 5.2	10.50 267	3.75 95	17.6 8.0	17.6 8.0
108.0 mm	4.250 108.0	5.00 127	9.0 4.1	---	---	---	---	---	---
133.0 mm	5.250 133.0	5.50 140	13.2 6.0	---	---	---	---	---	---
139.7 mm	5.500 139.7	5.50 140	14.3 6.5	5.50 140	13.0 5.9	12.50 318	4.00 102	27.5 12.5	27.5 12.5
5 125	5.563 141.3	5.50 140	14.3 6.5	5.50 140	13.0 5.9	12.50 318	4.00 102	27.5 12.5	27.5 12.5
6 150	6.250 159.0	6.50 165	18.9 8.6	---	---	---	---	---	---
165.1 mm	6.500 165.1	6.50 165	21.7 9.9	6.50 165	32.0 14.5	14.00 356	4.50 114	40.7 18.5	40.7 18.5
6 150	6.625 168.3	6.50 165	22.0 10.0	6.50 165	32.0 14.5	14.00 356	4.50 114	40.7 18.5	40.7 18.5
8 200	8.625 219.1	7.75 197	44.0 20.0	7.75 197	44.1 20.0	18.00 457	6.00 152	70.4 32.0	70.4 32.0
10 250	10.750 273.0	9.00 229	68.2 31.0	---	---	20.50 521	6.50 165	138.9 63.0	138.9 63.0

Model 7120 TEE / 7135 CROSS / 7130 45° LATERAL								
Nominal Pipe Size	Pipe O.D.	#7120 Tee		#7135 Cross		#7130 45° Lateral		
		C-E	Lbs	C-E	Lbs	C-LE	C-SE	Lbs
in / mm	in / mm	in / mm	Kgs	in / mm	Kgs	in / mm	in / mm	Kgs
12 300	12.750 323.9	10.00 254	96.7 43.9	---	---	23.00 584	7.00 178	201.7 91.5
200 JIS	8.516 216.3	7.75 197	44.0 20.0	7.75 197	44.1 20.0	18.00 457	6.00 152	70.4 32.0
250 JIS	10.528 267.4	9.00 229	68.2 31.0	---	---	20.50 521	6.50 165	124.6 56.5
300 JIS	12.539 318.5	10.00 254	96.7 43.9	---	---	23.00 584	7.00 178	201.7 91.5
14 350	14.000 355.6	11.00 280	114.6 52.0	---	---	---	---	---

## MATERIAL SPECIFICATIONS

### • Fitting body:

Ductile Iron castings to ASTM A536, Gr. 65-45-12 and or to ASTM A395, Gr. 65-45-15, min. tensile strength 65,000 psi (448 MPa).

### • Surface Finish:

Orange color painted or red RAL3000 color painted.

- Hotdip galvanized (Option).
- Epoxy coated in red RAL3000 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.