

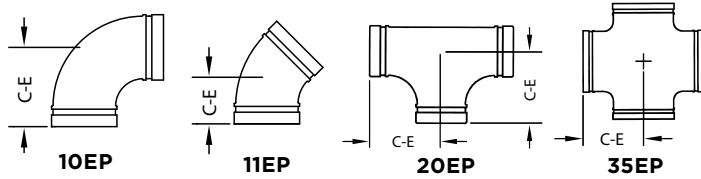
# EXTRA HEAVY FITTINGS

10EP 90° Elbow  
11EP 45° Elbow  
20EP Tee  
35EP Cross

22EP Header Tee



Job Name:	
Job Location:	
Engineer:	
Contractor:	
Tag:	
PO#:	
Rep:	
Wholesale Dist.:	

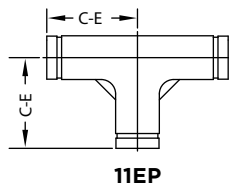


Shurjoint offers a variety of fittings with extra heavy (Sch. 80) wall thickness and "EP" cut grooves available for use with XH-70EP couplings. These fittings must be used with XH-70EP in high pressure systems where the system pressure exceeds the published ratings for XH-1000 or Model 7707 couplings.

Shurjoint Model 22EP Header Tees are especially designed for use in oilfield production headers where the top (test) line is 2" (50 mm) and the bottom production line is 3" (80 mm) or 4" (100 mm).

## DIMENSIONS

NOMINAL SIZE	PIPE O.D.	10EP 90° ELBOW		11EP 45° ELBOW		20EP TEE		35EP CROSS	
		C - E	WEIGHT	C - E	WEIGHT	C - E	WEIGHT	C - E	WEIGHT
in	in	in	lb	in	lb	in	lb	in	lb
mm	mm	mm	kg	mm	kg	mm	kg	mm	kg
2	2.375	3.25	2.5	2.00	1.8	3.25	4.2	3.25	3.9
50	60.3	83	1.1	51	0.8	83	1.9	83	1.8
2-1/2	2.875	3.75	5.0	2.25	2.9	3.75	7.9	3.75	6.6
65	73.0	95	2.3	57	1.3	95	3.6	95	3.0
3	3.500	4.25	6.0	2.50	4.3	4.25	16.0	4.25	14.2
80	88.9	108	2.7	64	1.9	108	7.3	108	6.4
4	4.500	5.00	10.3	3.00	8.5	5.00	23.5	5.00	15.8
100	114.3	127	4.7	76	3.9	127	10.7	127	7.2
6	6.625	6.50	27.2	3.50	16.5	6.50	27.0	6.50	46.0
150	168.3	165	12.3	89	7.5	165	12.2	165	20.9



## DIMENSIONS

NOMINAL SIZE	PIPE O.D.	22EP HEADER TEE	
		C - E	WEIGHT
in	in	in	lb
mm	mm	mm	kg
2 to 3	2.375	4.25	3.4
50 to 80	60.3	108	1.5
2 to 4	2.875	5	4.1
50 to 100	73	127	1.9

# EXTRA HEAVY FITTINGS

10EP 90°	ELBOW
11EP 45°	ELBOW
20EP	TEE
35EP	CROSS

## 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). Or segmentally welded Schedule 80 steel pipe, per ASTM A-53 Schedule 80.

### SURFACE FINISH:

- Green or Black color painted.

## GENERAL NOTES

- Maximum Working Pressure (CWP) listed is the maximum cold water pressure for general piping services tested to ASTM F1476 and or AWWA C606 methods. Figures listed are based on roll- or cut-grooved standard wall carbon steel pipe. For other pipe schedules or pipe materials, contact Shurjoint for additional information.
- Max. End Load is calculated based on the maximum working pressure (CWP).
- 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 1.5 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.