

## AWWA GROOVED END FITTINGS



A10



A11



A20



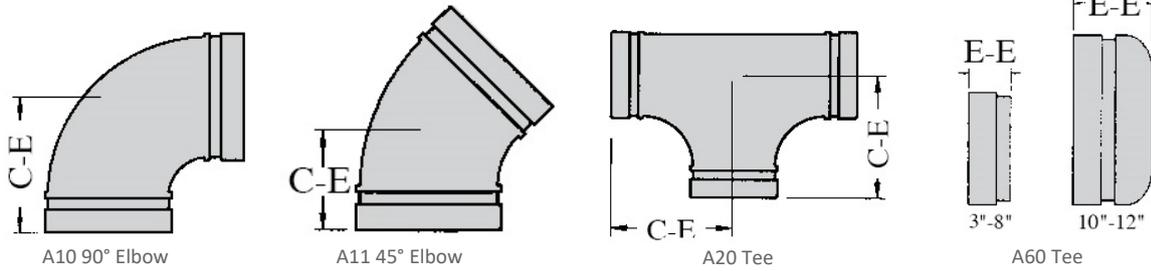
A60

Shurjoint AWWA grooved end fittings are supplied with rigid radius grooves as per ANSI / AWWA C606. The fittings also conform to ANSI A21.10 / AWWA C110 for center to end (C to E) dimensions and AWWA C153 or ANSI A21.10 / AWWA C110 for wall thickness. Pressure ratings are 500 psi (35 Bar). Fittings are supplied with an NSF 61 certified thermoplastic coating as an inner lining (available in America's region only). Other surface finish options include painted black and 'non-coated'.

For pressure rating, listing, and approval information, refer to data sheet or visit SHURJOINT website [www.shurjoint.com](http://www.shurjoint.com) for details or contact your SHURJOINT representatives.

### material specification

- **Fitting body:**  
Ductile Iron to ASTM A536, Gr. 65-45-12, min. tensile strength 65,000 psi (448 MPa).
- **Surface Finish:**  
Inner lined NSF 61 certified thermoplastic coating
  - Non-coated. (optional).
  - Painted black (optional)



**AWWA Grooved End Fittings**

AWWA D.I. Pipe		A10 90° Elbow		A11 45° Elbow		A20 Tee		A60 Cap	
Nominal Size	Pipe O.D.	C-E	Weight	C-E	Weight	C-E	Weight	E-E	Weight
in	in	in	lbs	in	lbs	in	lbs	in	lbs
mm	mm	mm	kg	mm	kg	mm	kg	mm	kg
3	3.96	5.50	9.2	3.00	5.8	5.50	13.4	1.22	2.6
80	100.6	140	4.2	76	2.6	140	6.1	31	1.2
4	4.80	6.50	12.3	4.00	9.2	6.50	18.5	1.22	3.5
100	121.9	165	5.6	102	4.2	165	8.4	31	1.6
6	6.90	8.00	23.5	5.00	17.6	8.00	35.0	1.22	6.8
150	175.3	203	10.7	127	8.0	203	15.9	31	3.1
8	9.05	9.00	41.6	5.50	33.0	9.00	60.3	1.46	13.0
200	229.9	229	18.9	140	15.0	229	27.4	37	5.9
10	11.10	11.00	64.9	6.50	44.9	11.00	110.5	2.99	22.0
250	281.9	279	29.5	165	20.4	279	45.7	76	10.0
12	13.20	12.00	94.2	7.50	72.0	12.00	136.0	2.99	24.6
300	335.3	305	42.8	191	32.7	305	61.7	76	11.2

**General note**

- *Pressure Ratings* for fittings conform to the working pressure of the coupling used to join the system.
- *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.