



1.0 PRODUCT DESCRIPTION

Available Sizes

- 3 – 36"/DN80 – DN900

Maximum Working Pressure

- Fitting maximum pressure ratings are equivalent to the pressure ratings of the coupling used to install them (See section 7.0 for Reference Materials).

Application

- Supplied with rigid radius grooves in accordance with ANSI/AWWA C-606
- Connects pipe, provides change in direction, and adapts sizes or components.

Pipe Material

- Ductile iron, gray iron

NOTES

- Fittings conform to ANSI A21.10/AWWA
- C-110 for center-to-end dimensions and AWWA C-153 or ANSI A21.10/AWWA C-110 for wall thickness.
- Fittings are available with flanged ends wherever grooved ends are shown.
- Linings include cement/mortar Type 2 (standard) and others. Fittings can readily be prepared for glass lining by others.
- Victaulic fittings shown have an end-to-end dimension tolerance of $\pm 1/8"$ in all sizes and styles.
- Victaulic can supply tapped fittings on order to ANSI B16.1 dimension locations. Specify fitting size, tap location by letter on order.
- Grooved end base 90° elbows and base tees are available with dimensions to ANSI B16.1.

2.0 CERTIFICATION/LISTINGS

Product designed and manufactured under the Victaulic Quality Management System, as certified by LPCB in accordance with ISO-9001:2008.

ALWAYS REFER TO ANY NOTIFICATIONS AT THE END OF THIS DOCUMENT REGARDING PRODUCT INSTALLATION, MAINTENANCE OR SUPPORT.

System No.		Location	
Submitted By		Date	

Spec Section		Paragraph	
Approved		Date	

3.0 SPECIFICATIONS – MATERIAL

Fitting:

Ductile iron conforming to ASTM A-536, Grade 65-45-12. Ductile iron conforming to ASTM A-395, grade 65-45-15 is available upon special request.

Fitting Coating: (specify choice)

- **Standard on request**

- Non-coated
- Alkyd-phenol primer
- Bituminous coating

- **Optional**

- Coal tar epoxy coating
- Cement/mortar lining – Type II
- Glass Lining
- Other linings available. Contact Victaulic.

NOTES

- Coatings are applied per manufacturer’s recommended mils.
- The standard black asphalt coating used on Victaulic cement lined AWWA size fittings is NSF 61 Listed.
- Cast surfaces will be provided with surface equivalent to SSPC-SP6 prior to coating unless specified otherwise.

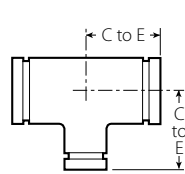
4.3 DIMENSIONS

Reducing Fittings

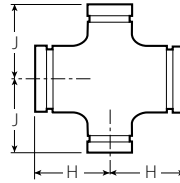
No. 25-C Reducing Tee

No. 35-CR Reducing Cross

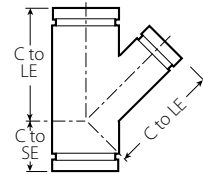
No. 30-CR 45° Reducing Lateral



No. 25-C



No. 35-CR



No. 30-CR

Size		No. 25-C Reducing Tee			No. 35-CR Reducing Cross			No. 30-CR 45° Reducing Lateral						
Nominal inches	DN	C to EOR inches mm	C to EOB inches mm	Approx. Weight (Each) lb kg	H inches mm	J inches mm	Approx. Weight (Each) lb kg	C to LE inches mm	C to SE inches mm	Approx. Weight (Each) lb kg				
4	100	x	3	80	6.50 165	6.50 165	26.4 12.0	6.50 165	6.50 165	22.0 10.0	12.00 305	3.00 76	45.0 20.4	
			4	100	8.00 203	8.00 203	30.0 13.6	8.00 203	8.00 203	46.0 20.9	14.50 368	3.50 89	74.0 33.6	
6	150	x	4	100	8.00 203	8.00 203	34.0 15.4	8.00 203	8.00 203	38.0 17.2	14.50 368	3.50 89	80.0 36.3	
			8	200	9.00 229	9.00 229	*	—	—	—	—	—	—	—
			10	250	11.00 279	11.00 279	120.0 54.4	11.00 279	11.00 279	120.0 54.4	20.50 521	5.00 127	204.0 92.5	
			12	300	12.00 305	12.00 305	180.0 81.7	12.00 305	12.00 305	130.0 59.0	24.50 622	5.50 140	302.0 137.0	
8	200	x	4	100	12.00 305	12.00 305	112.0 50.8	12.00 305	12.00 305	174.0 78.9	24.50 622	5.50 140	290.0 131.5	
			6	150	12.00 305	12.00 305	180.0 81.7	12.00 305	12.00 305	130.0 59.0	24.50 622	5.50 140	302.0 137.0	
			8	200	12.00 305	12.00 305	186.0 84.4	12.00 305	12.00 305	139.0 63.1	24.50 622	5.50 140	324.0 147.0	
			10	250	12.00 305	12.00 305	192.0 87.1	12.00 305	12.00 305	154.0 69.9	24.50 622	5.50 140	356.0 161.5	
10	250	x	6	150	14.00 356	14.00 356	238.0 108.0	14.00 356	14.00 356	215.0 97.5	27.00 686	6.00 152	330.0 149.7	
			8	200	14.00 356	14.00 356	241.0 109.3	14.00 356	14.00 356	221.0 100.3	27.00 686	6.00 152	346.0 156.9	
			10	250	14.00 356	14.00 356	258.0 114.8	14.00 356	14.00 356	235.0 106.6	27.00 686	6.00 152	540.0 244.9	
			12	300	14.00 356	14.00 356	267.0 121.1	14.00 356	14.00 356	244.0 110.7	27.00 686	6.00 152	625.0 283.5	
			14	350	15.00 381	15.00 381	288.0 130.6	15.00 381	15.00 381	266.0 120.7	30.00 762	6.50 165	570.0 258.6	
12	300	x	6	150	15.00 381	15.00 381	315.0 142.9	15.00 381	15.00 381	276.0 125.2	30.00 762	6.50 165	585.0 265.4	
			8	200	15.00 381	15.00 381	319.0 144.7	15.00 381	15.00 381	291.0 132.0	30.00 762	6.50 165	630.0 285.8	
			10	250	15.00 381	15.00 381	330.0 149.7	15.00 381	15.00 381	305.0 138.4	30.00 762	6.50 165	650.0 294.8	
			12	300	15.00 381	15.00 381	341.0 154.7	15.00 381	15.00 381	280.0 127.0	30.00 762	6.50 165	692.0 313.9	
			14	350	15.00 381	15.00 381	341.0 154.7	15.00 381	15.00 381	280.0 127.0	30.00 762	6.50 165	692.0 313.9	

* Contact Victaulic for details.