

IPS Size 1D Cast Ductile Iron Fitting

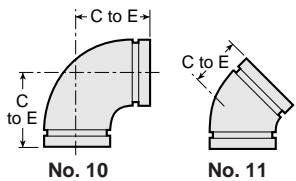
PRODUCT DESCRIPTION



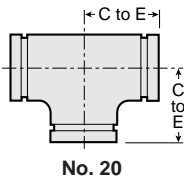
Victaulic offers short radius (1D) 90° and 45° elbows and short center-to-end tees manufactured from ductile iron in accordance with ASTM A-536, grade 65-45-12. They are available in sizes 350 mm (14") through 600 mm (24"). The fittings are constructed to ANSI Standard wall thicknesses.

DIMENSIONS

Short Radius Elbows



Tees



SIZE		No. 10 – 90° Elbow		No. 11 – 45° Elbow		No. 20 – Tee	
Nominal Diameter mm/Inches	Actual Outside Diameter mm/Inches	Center to End mm/Inch	Approx. Weight kg/lb.	Center to End mm/Inch	Approx. Weight kg/lb.	Center to End mm/Inch	Approx. Weight kg/lb.
350 14	355,6 14.0	355,6 14.00	61,7 136	146,1 5.75	29,5 65	279,4 11.00	65,8 145
400 16	406,4 16.0	406,4 16.00	77,6 171	168,4 6.63	39,9 88	304,8 12.00	84,4 186
450 18	457,2 18.0	457,2 18.00	103,4 228	189,5 7.46	50,0 108	355,6 14.00	116,1 256
500 20	508,0 20.0	508,0 20.00	135,2 298	210,3 8.28	62,6 138	381,0 15.00	153,8 339
600 24	609,6 24.0	609,6 24.00	198,7 438	252,5 9.94	100,2 221	431,8 17.00	214,5 473

FLOW DATA

(Frictional Resistance)

The chart expresses the frictional resistance of the subject Victaulic fittings as equivalent feet of straight ANSI standard wall pipe.

SIZE		Dimension – meters/Feet			
		Elbows		Tees	
		90° Elbows	45° Elbows	Branch	Run
Nominal Diameter mm/Inches	Actual Outside Diameter mm/Inches	No. 10 Std. Radius	No. 11 Std. Radius		
350 14	355,6 14.0	7,3 24.0	5,5 18.0	21,3 70.0	7,0 23.0
400 16	406,4 16.0	8,2 27.0	6,1 20.0	24,4 80.0	8,2 27.0
450 18	457,2 18.0	9,4 31.0	7,0 23.0	27,4 90.0	9,1 30.0
500 20	508,0 20.0	10,4 34.0	7,9 26.0	30,5 100.0	10,1 33.0
600 24	609,6 24.0	12,8 42.0	9,8 32.0	36,6 120.0	12,2 40.0

MATERIAL SPECIFICATIONS

Fittings: Ductile iron conforming to ASTM A-536, grade 65-45-12

Fitting Coatings: Orange Enamel

- Optional: Hot dip galvanized to ASTM A-153. Others as specified on order.