

ASTM C1208, EN295-7, ASTM C76, ASTM D3262, ASCE 27-00, DIN54815, ASTM D6783

Nominal I.D.		Total Outside Diameter Tolerance, Including Ovality Tolerance						Pipe End Squareness, maximum to minimum variation, not +/-						Barrel Straightness								
Inch	mm	ASTM C1208 VCP, 2% Ovality, Max O.D. Not Governed	EN 295-7 VCP European, Max Min O.D., Ovality Included, + inch	ASTM C76 concrete, I.D. Max +/- .38", Wall thickness 5% or +/- 0.19" of design, greater wall thickness is ok.	ASTM D3262, greater of +/- 1/4", or +/- 0.5% of Nominal ID, inches per D3567, measurements averaged	ASCE 27-00 concrete, +/- tolerance, 12"-24" +/- 1/4 max, >24" +/-1% X OD or max of 1/2", Calcs based upon OD=130% x ID	DIN 54815 European Polymer concrete, stated as - dimension only, converted to +/-	ASTM 6783 polymer concrete, OD limits not specified, ovality 1% of OD	ASTM C1208 VCP, 8 ft basis, 20% larger O.D. used in calcs	EN 295-7 VCP European, all lengths	ASTM 76, End Squareness Opposite Side / Tolerance not same as other standard methods, 8 ft basis	ASTM D3262, greater of +/-1/4", or +/-0.5% of Nominal ID, inches, values shown are total + & -	ASCE 27-00 concrete, 8 ft basis, 30% larger OD than Nominal ID used in calcs	DIN 54815 European, Polymer concrete	ASTM 6783 polymer concrete	ASTM C1208 VCP, 8 ft basis used in calcs	EN 297-7 VCP European, all lengths	ASTM C76 Concrete, 8 ft basis used in calcs	ASTM D3262, Fiberglass Sewer Pipe	ASCE 27-00 concrete, 8 ft basis used in calcs	DIN 54815 European, Polymer concrete	ASTM 6783 polymer concrete, 8 ft basis used in calcs
8	200	0.16 - No max	0.20	NA	0.25	NA	0.20	Not Specified	0.05	0.04	NA	0.50	NA	0.04	0.12	0.40	0.20	NA	Not Specified	NA	0.20	0.32
10	250	0.2 - No max	0.20	NA	0.25	NA	0.20	Not Specified	0.06	0.04	NA	0.50	NA	0.04	0.12	0.40	0.20	NA	Not Specified	NA	0.20	0.32
12	300	0.24 - No Max.	0.20	No upper limit	0.25	0.25	0.20	Not Specified	0.08	0.04	0.25	0.50	0.06	0.04	0.12	0.40	0.20	Not Specified	Not Specified	Not Specified	0.20	0.32
15	375	0.3 - No Max	0.20	No upper limit	0.25	0.25	0.20	Not Specified	0.09	0.04	0.25	0.50	0.08	0.04	0.12	0.40	0.20	Not Specified	Not Specified	Not Specified	0.20	0.32
18	450	0.36 - No Max	0.24	No upper limit	0.25	0.25	0.20	Not Specified	0.10	0.04	0.25	0.50	0.09	0.04	0.12	0.40	0.20	Not Specified	Not Specified	Not Specified	0.20	0.32
21	525	0.42 - No Max	0.30	No upper limit	0.25	0.25	0.20	Not Specified	0.10	0.04	0.25	0.50	0.11	0.04	0.12	0.40	0.20	Not Specified	Not Specified	Not Specified	0.20	0.32
24	600	0.48 - No max	0.36	No upper limit	0.25	0.25	0.24	Not Specified	0.10	0.04	0.25	0.50	0.12	0.04	0.12	0.40	0.20	Not Specified	Not Specified	Not Specified	0.20	0.32
27	700	0.54 - No Max	0.36	No upper limit	0.27	0.35	0.24	Not Specified	0.10	0.04	0.50	0.50	0.14	0.04	0.12	0.40	0.20	Not Specified	Not Specified	Not Specified	0.20	0.32
30	750	0.6 - No Max	0.36	No upper limit	0.30	0.39	0.24	Not Specified	0.10	0.04	0.50	0.50	0.16	0.04	0.12	0.40	0.20	Not Specified	Not Specified	Not Specified	0.20	0.32
33	800	0.66 No Max	0.48	No upper limit	0.33	0.43	0.24	Not Specified	0.10	0.04	0.50	0.50	0.17	0.04	0.12	0.40	0.20	Not Specified	Not Specified	Not Specified	0.20	0.32
36	900	0.72 - No Max	0.48	No upper limit	0.36	0.47	0.24	Not Specified	0.10	0.04	0.50	0.50	0.19	0.04	0.12	0.40	0.20	Not Specified	Not Specified	Not Specified	0.20	0.32
39	1000	0.78 - No Max	0.60	No upper limit	0.39	0.50	0.24	Not Specified	0.10	0.04	0.50	0.50	0.20	0.04	0.12	0.40	0.20	Not Specified	Not Specified	Not Specified	0.20	0.32
42	1100	0.84 - No Max	0.60	No upper limit	0.42	0.50	0.32	Not Specified	0.10	0.04	0.50	0.50	0.22	0.04	0.24	0.40	0.20	Not Specified	Not Specified	Not Specified	0.20	0.48
48	1200	0.96 - No Max	0.60	No upper limit	0.48	0.50	0.32	Not Specified	0.10	0.04	0.50	0.50	0.25	0.06	0.24	0.40	0.20	Not Specified	Not Specified	Not Specified	0.40	0.48
60	1500	NA	NA	No upper limit	0.60	0.50	0.32	Not Specified	NA	NA	0.50	0.60	0.31	0.06	0.24	NA	NA	Not Specified	Not Specified	Not Specified	0.40	0.48
72	1800	NA	NA	No upper limit	0.72	0.50	0.32	Not Specified	NA	NA	0.50	0.72	0.37	0.06	0.24	NA	NA	Not Specified	Not Specified	Not Specified	0.40	0.48
84	2100	NA	NA	No upper limit	0.84	0.50	0.32	Not Specified	NA	NA	0.50	0.84	0.44	0.06	0.24	NA	NA	Not Specified	Not Specified	Not Specified	0.60	0.96
96	2400	NA	NA	No upper limit	0.96	0.50	0.32	Not Specified	NA	NA	0.75	0.96	0.50	0.06	0.24	NA	NA	Not Specified	Not Specified	Not Specified	0.60	0.96