

DUCTILE IRON PIPE INSIDE DIAMETER CHARTS

Unlined, Cement Lined &
Double-Cement Lined



PIPE

FABRICATION

RESTRAINED JOINTS

FITTINGS

GASKETS

COATINGS & LININGS

U.S. PIPE

A QUIKRETE® COMPANY

DUCTILE IRON PIPE INSIDE DIAMETERS

FOR UNLINED (UNL), CEMENT LINED (CL), AND DOUBLE-CEMENT LINED (DCL)

Size	Class	Nominal Thickness	Inside Diameters*		
			UNL	CL	DCL
3"	350	0.25	3.46	3.34	3.21
	51	0.25	3.46	3.34	3.21
	52	0.28	3.40	3.28	3.15
	53	0.31	3.34	3.22	3.09
	54	0.34	3.28	3.16	3.03
	55	0.37	3.22	3.10	2.97
	56	0.40	3.16	3.04	2.91
4"	350	0.25	4.30	4.18	4.05
	51	0.26	4.28	4.16	4.03
	52	0.29	4.22	4.10	3.97
	53	0.32	4.16	4.04	3.91
	54	0.35	4.10	3.98	3.85
	55	0.38	4.04	3.92	3.79
	56	0.41	3.98	3.86	3.73
6"	350	0.25	6.40	6.28	6.15
	50	0.25	6.40	6.28	6.15
	51	0.28	6.34	6.22	6.09
	52	0.31	6.28	6.16	6.03
	53	0.34	6.22	6.10	5.97
	54	0.37	6.16	6.04	5.91
	55	0.40	6.10	5.98	5.85
	56	0.43	6.04	5.92	5.79
8"	350	0.25	8.55	8.43	8.30
	50	0.27	8.51	8.39	8.26
	51	0.30	8.45	8.33	8.20
	52	0.33	8.39	8.27	8.14
	53	0.36	8.33	8.21	8.08
	54	0.39	8.27	8.15	8.02
	55	0.42	8.21	8.09	7.96
	56	0.45	8.15	8.03	7.90
10"	350	0.26	10.58	10.46	10.33
	50	0.29	10.52	10.40	10.27
	51	0.32	10.46	10.34	10.21
	52	0.35	10.40	10.28	10.15
	53	0.38	10.34	10.22	10.09
	54	0.41	10.28	10.16	10.03
	55	0.44	10.22	10.10	9.97
	56	0.47	10.16	10.04	9.91

*Diameters may differ due to tolerances in pipe casting and cement lining.

DUCTILE IRON PIPE INSIDE DIAMETERS

FOR UNLINED (UNL), CEMENT LINED (CL), AND DOUBLE-CEMENT LINED (DCL)

Size	Class	Nominal Thickness	Inside Diameters*		
			UNL	CL	DCL
12"	350	0.28	12.64	12.52	12.39
	50	0.31	12.58	12.46	12.33
	51	0.34	12.52	12.40	12.27
	52	0.37	12.46	12.34	12.21
	53	0.40	12.40	12.28	12.15
	54	0.43	12.34	12.22	12.09
	55	0.46	12.28	12.16	12.03
	56	0.49	12.22	12.10	11.97
14"	250	0.28	14.74	14.55	14.37
	300	0.30	14.70	14.51	14.33
	350	0.31	14.68	14.49	14.31
	50	0.33	14.64	14.45	14.27
	51	0.36	14.58	14.39	14.21
	52	0.39	14.52	14.33	14.15
	53	0.42	14.46	14.27	14.09
	54	0.45	14.40	14.21	14.03
	55	0.48	14.34	14.15	13.97
	56	0.52	14.26	14.07	13.89
16"	250	0.30	16.80	16.61	16.43
	300	0.32	16.76	16.57	16.39
	350	0.34	16.72	16.53	16.35
	50	0.34	16.72	16.53	16.35
	51	0.37	16.66	16.47	16.29
	52	0.40	16.60	16.41	16.23
	53	0.43	16.54	16.35	16.17
	54	0.46	16.48	16.29	16.11
	55	0.49	16.42	16.23	16.05
	56	0.52	16.36	16.17	15.99
18"	250	0.31	18.88	18.69	18.51
	300	0.34	18.82	18.63	18.45
	350	0.36	18.78	18.59	18.41
	50	0.35	18.80	18.61	18.43
	51	0.38	18.74	18.55	18.37
	52	0.41	18.68	18.49	18.31
	53	0.44	18.62	18.43	18.25
	54	0.47	18.56	18.37	18.19
	55	0.50	18.50	18.31	18.13
	56	0.53	18.44	18.25	18.07

*Diameters may differ due to tolerances in pipe casting and cement lining.

DUCTILE IRON PIPE INSIDE DIAMETERS

FOR UNLINED (UNL), CEMENT LINED (CL), AND DOUBLE-CEMENT LINED (DCL)

Size	Class	Nominal Thickness	Inside Diameters*		
			UNL	CL	DCL
20"	250	0.33	20.94	20.75	20.57
	300	0.36	20.88	20.69	20.51
	350	0.38	20.84	20.65	20.47
	50	0.36	20.88	20.69	20.51
	51	0.39	20.82	20.63	20.45
	52	0.42	20.76	20.57	20.39
	53	0.45	20.70	20.51	20.33
	54	0.48	20.64	20.45	20.27
	55	0.51	20.58	20.39	20.21
	56	0.54	20.52	20.33	20.15
24"	200	0.33	25.14	24.95	24.77
	250	0.37	25.06	24.87	24.69
	300	0.40	25.00	24.81	24.63
	350	0.43	24.94	24.75	24.57
	50	0.38	25.04	24.85	24.67
	51	0.41	24.98	24.79	24.61
	52	0.44	24.92	24.73	24.55
	53	0.47	24.86	24.67	24.49
	54	0.50	24.80	24.61	24.43
	55	0.53	24.74	24.55	24.37
	56	0.56	24.68	24.49	24.31
30"	150	0.34	31.32	31.07	30.82
	200	0.38	31.24	30.99	30.74
	250	0.42	31.16	30.91	30.66
	300	0.45	31.10	30.85	30.60
	350	0.49	31.02	30.77	30.52
	50	0.39	31.22	30.97	30.72
	51	0.43	31.14	30.89	30.64
	52	0.47	31.06	30.81	30.56
	53	0.51	30.98	30.73	30.48
	54	0.55	30.90	30.65	30.40
	55	0.59	30.82	30.57	30.32
	56	0.63	30.74	30.49	30.24

*Diameters may differ due to tolerances in pipe casting and cement lining.

DUCTILE IRON PIPE INSIDE DIAMETERS

FOR UNLINED (UNL), CEMENT LINED (CL), AND DOUBLE-CEMENT LINED (DCL)

Size	Class	Nominal Thickness	Inside Diameters*		
			UNL	CL	DCL
36"	150	0.38	37.54	37.29	37.04
	200	0.42	37.46	37.21	36.96
	250	0.47	37.36	37.11	36.86
	300	0.51	37.28	37.03	36.78
	350	0.56	37.18	36.93	36.68
	50	0.43	37.44	37.19	36.94
	51	0.48	37.34	37.09	36.84
	52	0.53	37.24	36.99	36.74
	53	0.58	37.14	36.89	36.64
	54	0.63	37.04	36.79	36.54
	55	0.68	36.94	36.69	36.44
	56	0.73	36.84	36.59	36.34
42"	150	0.41	43.68	43.43	43.18
	200	0.47	43.56	43.31	43.06
	250	0.52	43.46	43.21	42.96
	300	0.57	43.36	43.11	42.86
	350	0.63	43.24	42.99	42.74
	50	0.47	43.56	43.31	43.06
	51	0.53	43.44	43.19	42.94
	52	0.59	43.32	43.07	42.82
	53	0.65	43.20	42.95	42.70
	54	0.71	43.08	42.83	42.58
	55	0.77	42.96	42.71	42.46
	56	0.83	42.84	42.59	42.34
48"	150	0.46	49.88	49.63	49.38
	200	0.52	49.76	49.51	49.26
	250	0.58	49.64	49.39	49.14
	300	0.64	49.52	49.27	49.02
	350	0.70	49.40	49.15	48.90
	50	0.51	49.78	49.53	49.28
	51	0.58	49.64	49.39	49.14
	52	0.65	49.50	49.25	49.00
	53	0.72	49.36	49.11	48.86
	54	0.79	49.22	48.97	48.72
	55	0.86	49.08	48.83	48.58
	56	0.93	48.94	48.69	48.44

*Diameters may differ due to tolerances in pipe casting and cement lining.

DUCTILE IRON PIPE INSIDE DIAMETERS

FOR UNLINED (UNL), CEMENT LINED (CL), AND DOUBLE-CEMENT LINED (DCL)

Size	Class	Nominal Thickness	Inside Diameters*		
			UNL	CL	DCL
54"	150	0.51	56.54	56.29	56.04
	200	0.58	56.40	56.15	55.90
	250	0.65	56.26	56.01	55.76
	300	0.72	56.12	55.87	55.62
	350	0.79	55.98	55.73	55.48
	50	0.57	56.42	56.17	55.92
	51	0.65	56.26	56.01	55.76
	52	0.73	56.10	55.85	55.60
	53	0.81	55.94	55.69	55.44
	54	0.89	55.78	55.53	55.28
	55	0.97	55.62	55.37	55.12
	56	1.05	55.46	55.21	54.96
60"	150	0.54	60.53	60.28	60.03
	200	0.61	60.39	60.14	59.89
	250	0.68	60.25	60.00	59.75
	300	0.76	60.09	59.84	59.59
	350	0.83	59.95	59.70	59.45
64"	150	0.56	64.45	64.20	63.95
	200	0.64	64.29	64.04	63.79
	250	0.72	64.13	63.88	63.63
	300	0.80	63.97	63.72	63.47
	350	0.87	63.83	63.58	63.33

*Diameters may differ due to tolerances in pipe casting and cement lining.

NOTES

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