

# Ductile Iron Pipe Inside Diameter Chart



A Forterra Company

Unlined (UNL), Cement Lined (CL), Double Cement Lined (DCL)

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 Diameter Chart



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Unlined (UNL), Cement Lined (CL), Double Cement Lined (DCL)

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 Diameter Chart



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Unlined (UNL), Cement Lined (CL), Double Cement Lined (DCL)

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 Diameter Chart



A Forterra Company

Unlined (UNL), Cement Lined (CL), Double Cement Lined (DCL)

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

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

# Ductile Iron Pipe Inside Diameter Chart



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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
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
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