



Ductile Iron Pressure Pipe Capacities (Gallons Per Linear Foot of Pipe)

Pipe Size (Inches)	Thickness Class	Pressure Class Psi	Pipe Outside Diameter (Inches)	Pipe Wall Thickness (Inches)	Unlined Capacity (Gallons)	Cement Lined Capacity (Gallons)	Dbl. Cement Lined Capacity Gallons
4	51		4.80	0.26	0.7477	0.7047	0.6629
	52			0.29	0.7269	0.6844	0.6433
	53			0.32	0.7063	0.6645	0.6240
	54			0.35	0.6861	0.6449	0.6050
	55			0.38	0.6662	0.6256	0.5863
	56			0.41	0.6465	0.6066	0.5679
		350		0.25	0.7544	0.7112	0.6692
6	50		6.90	0.25	1.6718	1.6072	1.5438
	51			0.28	1.6406	1.5766	1.5138
	52			0.31	1.6097	1.5463	1.4841
	53			0.34	1.5791	1.5163	1.4547
	54			0.37	1.5488	1.4866	1.4256
	55			0.40	1.5188	1.4572	1.3968
	56			0.43	1.4890	1.4280	1.3683
8		350		0.25	1.6712	1.6065	1.5432
	50		9.05	0.27	2.9559	2.8697	2.7848
	51			0.30	2.9144	2.8288	2.7445
	52			0.33	2.8731	2.7882	2.7045
	53			0.36	2.8322	2.7478	2.6647
	54			0.39	2.7915	2.7078	2.6253
	55			0.42	2.7512	2.6680	2.5862
10	56			0.45	2.7111	2.6286	2.5473
		350		0.25	2.9826	2.8960	2.8107
	50		11.10	0.29	4.5171	4.4104	4.3050
	51			0.32	4.4658	4.3597	4.2549
	52			0.35	4.4147	4.3092	4.2050
	53			0.38	4.3639	4.2590	4.1554
	54			0.41	4.3134	4.2091	4.1062
12	55			0.44	4.2632	4.1595	4.0572
	56			0.47	4.2133	4.1102	4.0085
		350		0.26	4.5670	4.4597	4.3537
	50		13.20	0.31	6.4594	6.3317	6.2052
	51			0.34	6.3980	6.2708	6.1450
	52			0.37	6.3368	6.2103	6.0851
	53			0.40	6.2759	6.1500	6.0254
	54			0.43	6.2153	6.0900	5.9660
	55			0.46	6.1550	6.0304	5.9070
	56			0.49	6.0950	5.9710	5.8482
		350		0.28	6.5186	6.3903	6.2633

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Ductile Iron Pressure Pipe Capacities (continued)

Pipe Size (Inches)	Thickness Class	Pressure Class Psi	Pipe Outside Diameter (Inches)	Pipe Wall Thickness (Inches)	Unlined Capacity (Gallons)	Cement Lined Capacity (Gallons)	Dbl. Cement Lined Capacity Gallons
14	50		15.30	0.33	8.7481	8.5255	8.3057
	51			0.36	8.6766	8.4548	8.2360
	52			0.39	8.6053	8.3845	8.1666
	53			0.42	8.5343	8.3144	8.0974
	54			0.45	8.4637	8.2447	8.0286
	55			0.48	8.3933	8.1752	7.9600
	56			0.51	8.3232	8.1060	7.8918
		250		0.28	8.8645	8.7148	8.5664
		300		0.30	8.8165	8.6671	8.5191
		350		0.31	8.7925	8.6434	8.4956
16	50		17.40	0.34	11.4105	11.1560	10.9044
	51			0.37	11.3288	11.0752	10.8245
	52			0.40	11.2473	10.9947	10.7449
	53			0.43	11.1662	10.9144	10.6656
	54			0.46	11.0853	10.8345	10.5866
	55			0.49	11.0047	10.7548	10.5078
	56			0.52	10.9245	10.6755	10.4294
		250		0.30	11.5154	11.3446	11.1752
		300		0.32	11.4606	11.2903	11.1212
		350		0.34	11.4060	11.2360	11.0674
18	50		19.50	0.35	14.4261	14.1398	13.8563
	51			0.38	14.3342	14.0488	13.7662
	52			0.41	14.2425	13.9580	13.6764
	53			0.44	14.1512	13.8676	13.5869
	54			0.47	14.0601	13.7775	13.4977
	55			0.50	13.9694	13.6876	13.4088
	56			0.53	13.8789	13.5981	13.3201
		250		0.31	14.5433	14.3514	14.1607
		300		0.34	14.4510	14.2597	14.0696
		350		0.36	14.3897	14.1987	14.0091
20	50		21.60	0.36	17.7948	17.4767	17.1614
	51			0.39	17.6927	17.3755	17.0611
	52			0.42	17.5909	17.2746	16.9611
	53			0.45	17.4894	17.1740	16.8614
	54			0.48	17.3881	17.0736	16.7620
	55			0.51	17.2872	16.9736	16.6629
	56			0.54	17.1865	16.8739	16.5641
		250		0.33	17.8901	17.6771	17.4655
		300		0.36	17.7877	17.5754	17.3643
		350		0.38	17.7196	17.5077	17.2970
24	50		25.80	0.38	25.5918	25.2100	24.8311
	51			0.41	25.4694	25.0884	24.7104
	52			0.44	25.3471	24.9672	24.5900
	53			0.47	25.2252	24.8462	24.4700
	54			0.50	25.1036	24.7255	24.3502
	55			0.53	24.9823	24.6051	24.2307
	56			0.56	24.8613	24.4850	24.1115
		200		0.33	25.7863	25.5305	25.2760
		250		0.37	25.6225	25.3675	25.1138
		300		0.40	25.4999	25.2456	24.9925
		350		0.43	25.3777	25.1239	24.8715