



PE 3408/3608 DIPS – PIPE DIMENSIONS
Ductile Iron Pipe Size HDPE
Municipal & Industrial pipe (Water, Sewer, Reclaimed Water)

12/06

PIPE SIZE	O.D. ACTUAL		DR 9 PC 200	DR 11 PC 160	DR 13.5 PC 128	DR 17 PC 100	DR 21 PC 80
		MIN WALL		.360	-	-	-
3"	3.96	Weight per ft		1.78	-	-	-
		NOM. I.D.		3.197	-	-	-
		MIN WALL	.533	.437	.356	.283	.229
4"	4.80	Weight per ft	3.11	2.61	2.17	1.76	1.44
		NOM. I.D.	3.670	3.874	4.045	4.200	4.315
		MIN WALL	.767	.628	.512	.406	.329
6"	6.90	Weight per ft	6.44	5.400	4.49	3.62	2.97
		NOM. I.D.	5.274	5.569	5.815	6.039	6.203
		MIN WALL	1.006	.823	.670	.533	.431
8"	9.05	Weight per ft	11.07	9.28	7.70	6.24	5.11
		NOM. I.D.	6.917	7.305	7.630	7.920	8.136
		MIN WALL	1.233	1.009	.823	.653	.529
10"	11.10	Weight per ft	16.65	13.95	11.61	9.37	7.69
		NOM. I.D.	8.486	8.961	9.355	9.716	9.979
		MIN WALL	1.467	1.200	.978	.777	.629
12"	13.20	Weight per ft	23.55	19.73	16.4	13.26	10.87
		NOM. I.D.	10.090	10.656	11.127	11.553	11.867
		MIN WALL	1.700	1.391	1.134	.900	.729
14"	15.30	Weight per ft	31.64	26.51	22.04	17.80	14.60
		NOM. I.D.	11.696	12.351	12.896	13.392	13.755

¹ 07 PE 34083608 DIPS PIPE DIMENSIONS



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PIPE SIZE	O.D. ACTUAL		DR 9 PC 200	DR 11 PC 160	DR 13.5 PC 128	DR 17 PC 100	DR 21 PC 80
		MIN WALL	1.933	1.582	1.289	1.024	.829
16"	17.40	Weight per ft	40.91	34.29	28.49	23.03	18.88
		NOM. I.D.	13.302	14.046	14.667	15.229	15.643
		MIN WALL	2.167	1.773	1.445	1.147	.929
18"	19.50	Weight per ft	51.40	43.07	35.80	28.91	23.71
		NOM. I.D.	14.906	15.741	16.437	17.068	17.531
		MIN WALL	2.400	1.964	1.600	1.271	1.029
20"	21.60	Weight per ft	63.05	52.85	43.91	35.49	29.10
		NOM. I.D.	16.512	17.436	18.208	18.905	19.419
		MIN WALL	2.867	2.346	1.912	1.518	1.229
24"	25.80	Weight per ft	89.97	75.41	62.67	50.63	41.51
		NOM. I.D.	19.722	20.826	21.747	22.582	23.195

*Some pipe sizes listed may not yet be available, please check with Charter Plastics.

* List price subject to change without notice.

Weight Calculations based on PPI TR7

3 – 24" Pipe: ASTM F 714

PE 3408/3608 Resins listed in PPI TR4

1600 psi Hydrostatic Design Basis

800 psi Hydrostatic Design Stress

Pressure ratings based on a design factor of .5 for those products listed above. Contact Charter Plastics if other fluids will be conveyed.

Pressure Rating are maximum PSI @ 73.4°F.

If temperatures exceed 80°F, contact Charter Plastics for a working pressure de-rating factor

Safe Handling – To safely handle and store Polyethylene Pipe, refer to PPI’s “Material Handling Guide