



PE 4710 DIPS – PIPE DIMENSIONS

12/06

Ductile Iron Pipe Size HDPE

Municipal & Industrial pipe (Water, Sewer, Reclaimed Water)

PIPE SIZE	O.D. ACTUAL		DR 9 PC 255	DR 11 PC 200	DR 13.5 PC 160	DR 17 PC 130	DR 21 PC 100
		MIN WALL		.360	-	-	-
3"	3.96	WEIGHT		1.78	-	-	-
		NOM. I.D.		3.197	-	-	-
		MIN WALL	.533	.437	.356	.283	.229
4"	4.80	WEIGHT	3.13	2.62	2.18	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	6.46	5.42	4.51	3.64	2.98
		NOM. I.D.	5.274	5.569	5.815	6.039	6.203
		MIN WALL	1.006	.823	.67	.533	.431
8"	9.050	WEIGHT	11.12	9.32	7.74	6.26	5.13
		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	16.72	14.01	11.65	9.41	7.72
		NOM. I.D.	8.486	8.961	9.355	9.716	9.979
		MIN WALL	1.467	1.2	.978	.777	.629
12"	13.20	WEIGHT	23.65	19.82	16.47	13.31	10.91
		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	31.77	26.63	22.13	17.88	14.66
		NOM. I.D.	11.696	12.351	12.896	13.392	13.755
		MIN WALL	1.933	1.582	1.289	1.024	.829
16"	17.40	WEIGHT	41.08	34.44	28.61	23.13	18.96
		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	51.61	43.25	35.95	29.04	23.81
		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	63.32	53.07	44.09	35.64	29.22
		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	90.35	75.72	62.93	50.84	41.68
		NOM. I.D.	19.722	20.826	21.747	22.582	23.195



PE 4710 DIPS – PIPE DIMENSIONS

Ductile Iron Pipe Size HDPE

Municipal & Industrial Pipe (Water, Sewer , Reclaimed Water)

*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 4710 Resins listed in PPI TR4

1600 psi Hydrostatic Design Basis

1000 psi Hydrostatic Design Stress

Pressure ratings based on a design safety factor of .63 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