



**PE 4710 IPS – PIPE DIMENSIONS**

4/07

**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 128	DR 21 PC 100
		MIN WALL	.389	.318	.259	.206	-
3"	3.500	WEIGHT	1.66	1.39	1.16	.93	-
		NOM. I.D.	2.675	2.826	2.951	3.068	-
		MIN WALL	.500	.409	.333	.265	.214
4"	4.500	WEIGHT	2.75	2.30	1.91	1.55	1.27
		NOM. I.D.	3.44	3.633	3.794	3.938	4.046
		MIN WALL	.736	.602	.491	.39	.315
6"	6.625	WEIGHT	5.95	4.99	4.15	3.35	2.74
		NOM. I.D.	5.065	5.349	5.584	5.798	5.957
		MIN WALL	.958	.784	.639	.507	.411
8"	8.625	WEIGHT	10.09	8.46	7.03	5.68	4.66
		NOM. I.D.	6.594	6.963	7.27	7.55	7.754
		MIN WALL	1.194	.977	.796	.632	.512
10"	10.750	WEIGHT	15.68	13.14	10.92	8.82	7.23
		NOM. I.D.	8.219	8.679	9.062	9.41	9.665
		MIN WALL	1.417	1.159	.944	.75	.607
12"	12.750	WEIGHT	22.07	18.49	15.35	12.41	10.18
		NOM. I.D.	9.746	10.293	10.749	11.16	11.463
		MIN WALL	1.556	1.273	1.037	.824	.667
14"	14	WEIGHT	26.61	22.30	18.52	14.98	12.28
		NOM. I.D.	10.701	11.301	11.802	12.253	12.586
		MIN WALL	1.778	1.455	1.185	.941	.762
16"	16	WEIGHT	34.74	29.13	24.19	19.55	16.02
		NOM. I.D.	12.231	12.915	13.488	14.005	14.385
		MIN WALL	2.000	1.636	1.333	1.059	.857
18"	18	WEIGHT	43.97	36.84	30.61	24.74	20.28
		NOM. I.D.	13.76	14.532	15.174	15.755	16.183
		MIN WALL	2.222	1.818	1.481	1.176	.952
20"	20	WEIGHT	54.28	45.49	37.79	30.53	25.03
		NOM. I.D.	15.289	16.146	16.86	17.507	17.982
		MIN WALL	2.444	2.00	1.63	1.294	1.048
22"	22	WEIGHT	65.67	55.05	45.75	36.95	30.31
		NOM. I.D.	16.819	17.76	18.544	19.257	19.778
		MIN WALL	2.667	2.182	1.778	1.412	1.143
24"	24	WEIGHT	78.18	65.52	54.43	43.99	36.06
		NOM. I.D.	18.346	19.374	20.231	21.007	21.577



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\*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

PE 4710 Resins listed in PPI TR4

1600 psi Hydrostatic Design Basis / 1000 psi Hydrostatic Design Stress

Pressure ratings based on a design 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

3" – 24" Pipe: ASTM F 714

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