



WL PLASTICS
An INEOS Business

WL104 DIPS (DIOD) Pressure Class Pipe



Multi-application use

The ideal piping solution

WL104 DIPS (DIOD) Pressure Class Pipe

Contact WL Plastics customer service to confirm the availability of sizes shown, and for PCs and DRs not shown. See table footnotes for additional information.

PE4710		Pressure Class ^b	PC250	PC200	PC160	PC125
DIPS size ^a	AVG OD, in	DR	9	11	13.5	17
4	4.80	Min wall, in	0.533	0.436	0.356	0.282
		Avg ID, in	3.669	3.875	4.046	4.201
		Weight, lb/ft	3.093	2.587	2.151	1.732
6	6.90	Min wall, in	0.767	0.627	0.511	0.406
		Avg ID, in	5.275	5.570	5.816	6.040
		Weight, lb/ft	6.396	5.348	4.439	3.585
8	9.05	Min wall, in	1.006	0.823	0.670	0.532
		Avg ID, in	6.918	7.306	7.629	7.921
		Weight, lb/ft	11.004	9.207	7.635	6.162
10	11.10	Min wall, in	1.233	1.009	0.822	0.653
		Avg ID, in	8.485	8.961	9.357	9.716
		Weight, lb/ft	16.543	13.845	11.488	9.276
12	13.20	Min wall, in	1.467	1.200	0.978	0.776
		Avg ID, in	10.091	10.656	11.127	11.554
		Weight, lb/ft	23.405	19.581	16.254	13.110
14	15.30	Min wall, in	1.700	1.391	1.133	0.900
		Avg ID, in	11.696	12.351	12.897	13.392
		Weight, lb/ft	31.438	26.308	21.826	17.623
16	17.40	Min wall, in	1.933	1.582	1.289	1.024
		Avg ID, in	13.301	14.047	14.668	15.230
		Weight, lb/ft	40.654	34.027	28.239	22.802
18	19.50	Min wall, in	2.167	1.773	1.444	1.147
		Avg ID, in	14.907	15.742	16.438	17.068
		Weight, lb/ft	51.074	42.738	35.453	28.625
20	21.60	Min wall, in	2.400	1.964	1.600	1.271
		Avg ID, in	16.512	17.437	18.208	18.906
		Weight, lb/ft	62.659	52.440	43.513	35.134
24	25.80	Min wall, in	2.867	2.345	1.911	1.518
		Avg ID, in	19.723	20.828	21.748	22.583
		Weight, lb/ft	91.123	76.229	63.270	51.086

- a. DIPS (DIOD) sizes per ASTM D3035, ASTM F714 and AWWA C906-15.
- b. Pressure Class rating (PC) in psi is for water at 73°F (23°C) and lower. PC will vary for water at other temperatures. See WL106 PE4710 Pipe Compound and WL118 Pressure Rating.
- c. Calculated Avg ID = Avg OD – (2.12 x min wall), and is for estimating water flow. Pipe ID is approximate, not a specification dimension.
- d. All dimensions in inches.
- e. NSF-61 certification for potable water available on request.

- f. See WL101 for fusion, electrofusion, mechanical joining and installation information.
- g. The information in this publication does not constitute a guarantee or warranty for piping installations and cannot be guaranteed because the conditions of use are beyond our control.

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PE4710		PC ³ , psi	335	320	250	200	160	140	125	110	100	80	65
DIPS size ¹	AVG OD	DR	7	7.3	9	11	13.5	15.5	17	19	21	26	32.5
4	4.80	Min wall	0.686	0.658	0.533	0.436	0.356	0.310	0.282	0.253	0.229	0.185	0.148
		Avg ID ²	3.346	3.406	3.669	3.875	4.046	4.143	4.201	4.264	4.315	4.409	4.487
		lb/ft	3.838	3.706	3.093	2.587	2.151	1.893	1.732	1.564	1.423	1.161	0.936
6	6.90	Min wall	0.986	0.945	0.767	0.627	0.511	0.445	0.406	0.363	0.329	0.265	0.212
		Avg ID ²	4.810	4.896	5.275	5.570	5.816	5.956	6.040	6.130	6.203	6.337	6.450
		lb/ft	7.929	7.652	6.396	5.348	4.439	3.906	3.585	3.227	2.940	2.391	1.928
8	9.05	Min wall	1.293	1.240	1.006	0.823	0.670	0.584	0.532	0.473	0.431	0.348	0.278
		Avg ID ²	6.309	6.422	6.918	7.306	7.629	7.812	7.921	8.040	8.136	8.312	8.460
		lb/ft	13.638	13.169	11.004	9.207	7.635	6.723	6.162	5.550	5.051	4.118	3.316
10	11.10	Min wall	1.586	1.521	1.233	1.009	0.822	0.716	0.653	0.584	0.529	0.427	0.342
		Avg ID ²	7.738	7.876	8.485	8.961	9.357	9.582	9.716	9.861	9.979	10.195	10.376
		lb/ft	20.518	19.812	16.543	13.845	11.488	10.110	9.276	8.351	7.604	6.197	5.003
12	13.20	Min wall	1.886	1.808	1.467	1.200	0.978	0.852	0.776	0.695	0.629	0.508	0.406
		Avg ID ²	9.202	9.367	10.091	10.656	11.127	11.395	11.554	11.727	11.867	12.124	12.339
		lb/ft	29.015	28.007	23.405	19.581	16.254	14.306	13.110	11.818	10.752	8.767	7.063
14	15.30	Min wall	2.186	2.096	1.700	1.391	1.133	0.987	0.900	0.805	0.729	0.588	0.471
		Avg ID ²	10.666	10.857	11.696	12.351	12.897	13.207	13.392	13.593	13.755	14.052	14.302
		lb/ft	39.981	37.633	31.438	26.308	21.826	19.210	17.623	15.867	14.444	11.763	9.497
16	17.40	Min wall	2.486	2.384	1.933	1.582	1.289	1.123	1.024	0.916	0.829	0.669	0.535
		Avg ID ²	12.130	12.347	13.301	14.047	14.668	15.020	15.230	15.455	15.643	15.981	16.265
		lb/ft	50.416	48.678	40.654	34.027	28.239	24.856	22.802	20.532	18.680	15.220	12.269
18	19.50	Min wall	2.786	2.671	2.167	1.773	1.444	1.258	1.147	1.026	0.929	0.750	0.600
		Avg ID ²	13.594	13.837	14.907	15.742	16.438	16.833	17.068	17.324	17.531	17.910	18.228
		lb/ft	63.318	61.123	51.074	42.738	35.453	31.205	28.625	25.774	23.460	19.122	15.420
20	21.60	Min wall	3.086	2.959	2.400	1.964	1.600	1.394	1.271	1.137	1.029	0.831	0.665
		Avg ID ²	15.058	15.327	16.512	17.437	18.208	18.646	18.906	19.190	19.419	19.839	20.191
		lb/ft	77.690	75.004	62.659	52.440	43.513	38.301	35.134	31.637	28.783	23.469	18.931
24	25.80	Min wall	3.686	3.534	2.867	2.345	1.911	1.665	1.518	1.358	1.229	0.992	0.794
		Avg ID ²	17.986	18.307	19.723	20.828	21.748	22.271	22.583	22.921	23.195	23.696	24.117
		lb/ft	112.970	109.056	91.123	76.229	63.270	55.693	51.086	46.002	41.852	34.107	27.517
30	32.00	Min wall			3.556	2.909	2.370	2.065	1.882	1.684	1.524	1.231	0.985
		Avg ID ²			24.462	25.833	26.975	27.623	28.009	28.429	28.770	29.391	29.913
		lb/ft			140.183	117.285	97.324	85.672	78.557	70.755	64.370	52.494	42.340
36	38.300	Min wall			4.256	3.482	2.837	2.471	2.253	2.016	1.824	1.473	1.178
		Avg ID ²			29.278	30.919	32.286	33.062	33.524	34.026	34.433	35.177	35.802
		lb/ft			200.809	168.025	139.436	122.701	112.557	101.379	92.209	75.181	60.606

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Manufacturing locations

- Bowie, TX
- Casper, WY
- Cedar City, UT
- Elizabethtown, KY
- Lubbock, TX (HDPE)
- Lubbock, TX (MDPE)
- Rapid City, SD
- Snyder, TX
- Statesboro, GA
- Titusville, PA (HDPE/MDPE)

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