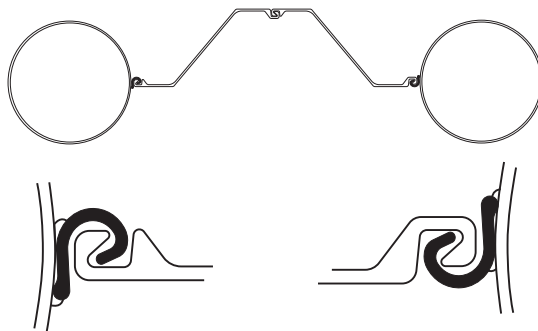




PIPE Z WALL SYSTEMS

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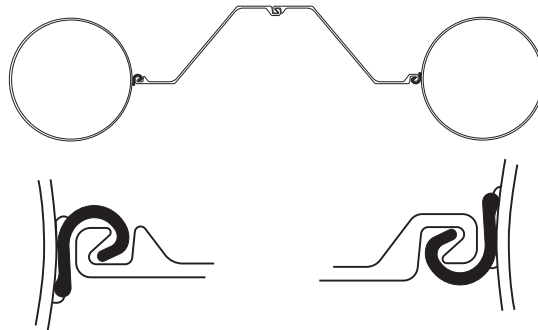
H1807

Pipe Diameter	Wall Thickness	System Width	Taking Account of Intermediate Piles		Disregarding Intermediate Piles		Dead Weight in Relation to Pipe Length LARSEN Length in % of pipe length		
			Second Moment of Inertia	Section Modulus	Second Moment of Inertia	Section Modulus	60% lb/sq.ft. (kg/m ²)	80% lb/sq.ft. (kg/m ²)	100% lb/sq.ft. (kg/m ²)
Da	s	B	Iy	Wy	Iy	Wy			
Inch (mm)	Inch (mm)	Inch (mm)	In ⁴ /lineal foot of wall (cm ⁴ /m)	In ³ /lineal foot of wall (cm ³ /m)	In ⁴ /lineal foot of wall (cm ⁴ /m)	In ³ /lineal foot of wall (cm ³ /m)			
32 812.8	0.394 10.0	89.5 2.27	825.07 112659	51.56 2772	654.81 89410	40.92 2200	27.2 133	30.4 148	33.5 164
32 812.8	0.493 12.5	89.5 2.27	981.22 133981	61.32 3297	810.96 110732	50.68 2725	31.6 154	34.8 170	37.9 185
32 812.8	0.559 14.2	89.5 2.27	1085.72 148249	67.85 3648	915.45 125001	57.21 3076	34.6 169	37.7 184	40.9 200
36 914.4	0.394 10.0	93.5 2.37	1059.10 144614	58.83 3163	896.12 122360	49.78 2676	28.2 138	31.2 153	34.2 167
36 914.4	0.493 12.5	93.5 2.37	1273.94 173950	70.77 3805	1110.96 151696	61.71 3318	33.0 161	36.0 176	39.0 190
36 914.4	0.559 14.2	93.5 2.37	1417.98 193618	78.77 4235	1255.00 171364	69.71 3748	36.2 177	39.2 191	42.2 206
40 1016.0	0.394 10.0	97.5 2.48	1338.98 182831	66.94 3599	1182.69 161490	59.13 3179	29.2 142	32.0 156	34.9 170
40 1016.0	0.493 12.5	97.5 2.48	1623.74 221714	81.18 4364	1467.45 200373	73.36 3944	34.2 167	37.1 181	40.0 195
40 1016.0	0.559 14.2	97.5 2.48	1814.93 247820	90.74 4878	1658.64 226479	82.92 4458	37.7 184	40.5 198	43.4 212
44 1219.2	0.493 12.5	105.5 2.68	2502.38 341688	104.26 5605	2357.95 321965	98.24 5282	36.4 178	39.1 191	41.7 204
44 1219.2	0.559 14.2	105.5 2.68	2811.84 383943	117.15 6298	2667.41 364221	111.13 5975	40.2 196	42.9 209	45.6 222
44 1219.2	0.630 16.0	105.5 2.68	3136.63 428291	130.68 7026	2992.19 408569	124.66 6702	44.3 216	46.9 229	49.6 242
56 1422.4	0.493 12.5	113.5 2.88	3630.00 495658	129.63 6969	3495.74 477326	124.83 6712	38.3 187	40.8 199	43.2 211
56 1422.4	0.559 14.2	113.5 2.88	4091.16 558627	146.10 7855	3956.91 540295	141.30 7597	42.5 207	44.9 219	47.4 231
56 1422.4	0.630 16.0	113.5 2.88	4575.79 624801	163.40 8785	4441.53 606469	158.61 8527	46.8 229	49.3 241	51.8 253
56 1422.4	0.690 17.5	113.5 2.88	4976.78 679554	177.72 9555	4842.53 661222	172.93 9297	50.5 247	53.0 259	55.4 271
64 1625.6	0.559 14.2	121.5 3.09	5663.72 773352	176.97 9515	5538.31 756227	173.05 9304	44.4 217	46.7 228	49.0 239
64 1625.6	0.630 16.0	121.5 3.09	6345.00 866378	198.26 10659	6219.59 849253	194.34 10448	49.1 240	51.4 251	53.7 262
64 1625.6	0.690 17.5	121.5 3.09	6909.22 943419	215.89 11607	6783.81 926294	211.97 11396	53.0 259	55.3 270	57.6 281
64 1625.6	0.788 20.0	121.5 3.09	7842.52 1070856	245.05 13175	7717.10 1053731	241.13 12964	59.5 290	61.8 302	64.1 313
72 1828.8	0.559 14.2	129.5 3.29	7537.68 1029231	209.36 11256	7420.01 1013165	206.09 11080	46.1 225	48.2 236	50.4 246
72 1828.8	0.630 16.0	129.5 3.29	8453.53 1154286	234.80 12623	8335.86 1138219	231.53 12448	51.0 249	53.2 260	55.4 270
72 1828.8	0.690 17.5	129.5 3.29	9212.54 1257925	255.88 13757	9094.88 1241859	252.61 13581	55.2 269	57.3 280	59.5 291
72 1828.8	0.788 20.0	129.5 3.29	10469.13 1429506	290.78 15633	10351.46 1413439	287.51 15458	62.1 303	64.2 314	66.4 324



PIPE Z WALL SYSTEMS

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H2607

Pipe Diameter	Wall Thickness	System Width	Taking Account of Intermediate Piles		Disregarding Intermediate Piles		Dead Weight in Relation to Pipe Length LARSEN Length in % of pipe length		
			Second Moment of Inertia	Section Modulus	Second Moment of Inertia	Section Modulus	60% lb/sq.ft. (kg/m ²)	80% lb/sq.ft. (kg/m ²)	100% lb/sq.ft. (kg/m ²)
Da Inch (mm)	s Inch (mm)	B Inch (mm)	Iy In ⁴ /lineal foot of wall (cm ⁴ /m)	Wy In ³ /lineal foot of wall (cm ³ /m)	Iy In ⁴ /lineal foot of wall (cm ⁴ /m)	Wy In ³ /lineal foot of wall (cm ³ /m)			
32 812.8	0.394 10.0	89.5 2.27	914.44 124863	57.15 3072	654.81 89410	40.92 2200	30.1 147	34.1 167	38.2 187
32 812.8	0.493 12.5	89.5 2.27	1070.60 146184	66.91 3597	810.96 110732	50.68 2725	34.5 168	38.5 188	42.6 208
32 812.8	0.559 14.2	89.5 2.27	1175.09 160453	73.44 3948	915.45 125001	57.21 3076	37.4 183	41.5 203	45.6 223
36 914.4	0.394 10.0	93.5 2.37	1144.65 156296	63.58 3419	896.12 122360	49.78 2676	30.9 151	34.8 170	38.7 189
36 914.4	0.493 12.5	93.5 2.37	1359.49 185631	75.52 4060	1110.96 151696	61.71 3318	35.7 174	39.6 193	43.5 212
36 914.4	0.559 14.2	93.5 2.37	1503.53 205299	83.52 4490	1255.00 171364	69.71 3748	38.9 190	42.8 209	46.7 228
40 1016.0	0.394 10.0	97.5 2.48	1421.02 194033	71.04 3820	1182.69 161490	59.13 3179	31.7 155	35.5 173	39.2 192
40 1016.0	0.493 12.5	97.5 2.48	1705.78 232916	85.28 4585	1467.45 200373	73.36 3944	36.8 180	40.6 198	44.3 216
40 1016.0	0.559 14.2	97.5 2.48	1896.97 259022	94.84 5099	1658.64 226479	82.92 4458	40.2 197	44.0 215	47.7 233
44 1219.2	0.493 12.5	105.5 2.68	2578.20 352040	107.41 5775	2357.95 321965	98.24 5282	38.8 189	42.3 206	45.7 223
44 1219.2	0.559 14.2	105.5 2.68	2887.66 394295	120.31 6468	2667.41 364221	111.13 5975	42.6 208	46.1 225	49.5 242
44 1219.2	0.630 16.0	105.5 2.68	3212.45 438643	133.84 7196	2992.19 408569	124.66 6702	46.7 228	50.1 245	53.6 262
56 1422.4	0.493 12.5	113.5 2.88	3700.47 505280	132.15 7105	3495.74 477326	124.83 6712	40.5 198	43.7 214	47.0 229
56 1422.4	0.559 14.2	113.5 2.88	4161.63 568250	148.61 7990	3956.91 540295	141.30 7597	44.7 218	47.9 234	51.1 250
56 1422.4	0.630 16.0	113.5 2.88	4646.26 634423	165.92 8920	4441.53 606469	158.61 8527	49.1 240	52.3 255	55.5 271
56 1422.4	0.690 17.5	113.5 2.88	5047.25 689176	180.24 9690	4842.53 661222	172.93 9297	52.7 257	55.9 273	59.2 289
64 1625.6	0.559 14.2	121.5 3.09	5729.55 782341	179.03 9625	5538.31 756227	173.05 9304	46.5 227	49.5 242	52.5 256
64 1625.6	0.630 16.0	121.5 3.09	6410.83 875366	200.32 10770	6219.59 849253	194.34 10448	51.2 250	54.2 264	57.2 279
64 1625.6	0.690 17.5	121.5 3.09	6975.05 952408	217.95 11718	6783.81 926294	211.97 11396	55.1 269	58.1 284	61.1 298
64 1625.6	0.788 20.0	121.5 3.09	7908.35 1079844	247.11 13285	7717.10 1053731	241.13 12964	61.6 301	64.6 315	67.6 330
72 1828.8	0.559 14.2	129.5 3.29	7599.44 1037665	211.07 11348	7420.01 1013165	206.09 11080	48.0 234	50.8 248	53.7 262
72 1828.8	0.630 16.0	129.5 3.29	8515.29 1162719	236.51 12716	8335.86 1138219	231.53 12448	53.0 259	55.8 273	58.6 286
72 1828.8	0.690 17.5	129.5 3.29	9274.31 1266359	257.59 13849	9094.88 1241859	252.61 13581	57.1 279	59.9 293	62.8 306
72 1828.8	0.788 20.0	129.5 3.29	10530.89 1437939	292.49 15725	10351.46 1413439	287.51 15458	64.0 313	66.8 326	69.6 340