

## Mechanical Pipe

Standard: ASTM/DIN/EN/CASA

NPS Designator	DN Designator	Outside Diameter, in. [mm]	Nominal Wall Thickness, in. [mm]	Nominal Weight [Mass] per Unit Length, Plain End, lb/ft [kg/m]	Weight Class	Schedule No.	Test Pressure	
							Grade A	Grade B
4	100	4.5000[114.3]	0.237[6.02]	10.80[16.07]	STD	40	1900[13100]	2210[15200]
			0.250[6.35]	11.36[16.90]	-	-	2000[13800]	2330[16100]
			0.281[7.14]	12.67[18.87]	-	-	2250[15100]	2620[18100]
			0.312[7.92]	13.97[20.78]	-	-	2500[17200]	2800[19300]
			0.337[8.56]	15.00[22.32]	XS	80	2700[18600]	2800[19300]
			0.438[11.13]	19.02[28.32]	-	120	2800[19300]	2800[19300]
5	125	5.563[141.3]	0.258[6.55]	14.63[21.77]	STD	40	1670[11500]	1950[13400]
			0.281[7.14]	15.87[23.62]	-	-	1820[12500]	2120[14600]
			0.312[7.92]	17.51[26.05]	-	-	2020[13900]	2360[16300]
			0.344[8.74]	19.19[28.57]	-	-	2230[15400]	2600[17900]
			0.375[9.52]	20.80[30.94]	XS	80	2430[16800]	2800[19300]
			0.500[12.70]	27.06[40.28]	-	120	2800[19300]	2800[19300]
			0.719[18.26]	45.39[67.56]	-	160	2800[19300]	2800[19300]
			0.025[15.88]	32.99[49.11]	-	160	2800[19300]	2800[19300]
			0.250[6.35]	17.04[25.36]	-	-	1360[9400]	1580[10900]
6	150	6.625[168.3]	0.280[7.11]	18.99[28.26]	STD	40	1520[10500]	1780[12300]
			0.312[7.92]	21.06[31.32]	-	-	1700[11700]	1980[13700]
			0.344[8.74]	23.10[34.39]	-	-	1870[12900]	2180[15000]
			0.375[9.52]	25.05[37.28]	-	-	2040[14100]	2380[16400]
			0.432[10.97]	28.60[42.56]	XS	80	2350[16200]	2740[18900]
			0.562[14.27]	36.43[54.20]	-	120	2800[19300]	2800[19300]
			0.719[18.26]	45.39[67.56]	-	160	2800[19300]	2800[19300]
			0.864[21.95]	53.21[79.22]	XXS	-	2800[19300]	2800[19300]

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							Grade A	Grade B
8	200	8.625[219.1]	0.277[7.04]	24.72[36.31]	-	-	1160[7800]	1350[9300]
			0.312[7.92]	27.73[41.24]	-	-	1300[9000]	1520[10500]
			0.322[8.18]	28.58[42.55]	STD	40	1340[9200]	1570[10800]
			0.344[8.74]	30.45[45.34]	-	-	1440[9900]	1680[11600]
			0.375[9.52]	33.07[49.20]	-	-	1570[10800]	1830[12600]
			0.406[10.31]	35.67[53.08]	-	60	1700[11700]	2000[13800]
			0.438[11.13]	38.33[57.08]	-	-	1830[12600]	2130[14700]
			0.500[12.70]	43.43[64.64]	XS	80	2090[14400]	2430[16800]
			0.594[15.09]	51.00[75.92]	-	100	2500[17200]	2800[19300]
			0.719[18.26]	60.77[90.44]	-	120	2800[19300]	2800[19300]
			0.812[20.62]	67.82[100.92]	-	140	2800[19300]	2800[19300]
			0.875[22.22]	72.49[107.88]	XXS	-	2800[19300]	2800[19300]
			0.906[23.01]	74.76[111.27]	-	160	2800[19300]	2800[19300]
			10	250	10.750[273.0]	0.307[7.80]	34.27[51.01]	-
0.344[8.74]	38.27[56.96]	-				-	1150[7900]	1340[9200]
0.365[9.27]	40.52[60.29]	STD				40	1220[8400]	1430[9900]
0.438[11.13]	48.28[71.87]	-				-	1470[10100]	1710[11800]
0.500[12.70]	54.79[81.52]	XS				60	1670[11500]	1950[13400]
0.594[15.09]	64.49[95.97]	-				80	1990[13700]	2320[16000]
0.719[18.26]	77.10[114.70]	-				100	2410[16600]	2800[19300]
0.844[21.44]	89.38[133.00]	-				120	2800[19300]	2800[19300]
1 000[25 04]	104 23[155 09]	-				140	2800[19300]	2800[19300]