

# ASTM A333

## SEAMLESS PIPES FOR OPERATIONS AT LOW TEMPERATURES

### Dimensions and weight

Nominal size	Outside diameter		Wall thickness		Weight per length unit		Steel grades
	in	mm	in	mm	lb/ft	kg/m	
2	2.375	60.3	0.154	3.910	3.650	5.440	
			0.218	5.540	5.030	7.480	
2 ½	2.875	73	0.276	7.010	7.670	11.410	
			0.357	9.530	10.020	14.900	
3	3.500	88.9	0.216	5.490	7.590	11.290	
			0.300	7.620	10.260	15.270	
			0.314	8.000	10.730	15.960	
			0.438	11.130	14.340	21.350	
3 ½	4.000	101.6	0.600	15.240	18.600	27.680	
			0.226	5.740	9.120	13.570	
			0.318	8.080	12.520	18.630	
			0.237	6.020	10.800	16.070	
4	4.500	114.3	0.314	8.000	14.090	20.970	
			0.337	8.560	15.000	22.320	
			0.438	11.130	19.020	28.320	
			0.531	13.490	22.530	33.540	
			0.674	17.190	27.570	41.030	
5	5.563	141.3	0.258	6.550	14.630	21.770	
			0.375	9.530	20.800	30.940	
			0.500	12.700	27.060	40.280	
			0.625	15.880	32.990	49.110	
			0.750	19.050	38.590	57.430	
			0.250	6.350	17.040	25.360	
6	6.625	168.3	0.280	7.110	18.990	28.260	
			0.312	7.920	21.060	31.320	
			0.344	8.740	23.100	34.390	
			0.375	9.530	25.050	37.280	
			0.432	10.970	28.600	42.560	
			0.500	12.700	32.740	48.730	
			0.562	14.270	36.430	54.200	
			0.625	15.880	40.090	59.690	
			0.719	18.260	45.390	67.560	
8	8.625	219.1	0.864	21.950	53.210	79.220	
			0.250	6.350	22.380	33.320	
			0.277	7.040	24.720	36.310	
			0.312	7.920	27.730	41.240	
			0.322	8.180	28.580	42.550	
			0.344	8.740	30.450	45.340	
			0.375	9.530	33.070	49.200	
			0.406	10.310	35.670	53.080	
			0.438	11.130	38.330	57.080	
			0.500	12.700	43.430	64.640	
			0.562	14.270	48.440	72.080	
			0.594	15.090	51.000	75.920	
			0.625	15.880	53.450	79.590	
			0.719	18.260	60.770	90.440	
			0.750	19.050	63.140	93.980	
0.812	20.620	67.820	100.920				
0.875	22.230	72.490	107.880				
0.906	23.010	74.760	111.270				
1.000	25.400	81.510	121.330				

Nominal size	Outside diameter		Wall thickness		Weight per length unit		Steel grades
	in	mm	in	mm	lb/ft	kg/m	
10	10.750	273	0.250	6.350	28.060	41.760	
			0.279	7.090	31.230	46.490	
			0.307	7.800	34.280	51.010	
			0.344	8.740	38.280	56.960	
			0.365	9.270	40.520	60.290	
			0.438	11.130	48.300	71.870	
			0.500	12.700	54.790	81.520	
			0.562	14.270	61.210	91.050	
			0.594	15.090	64.500	95.970	
			0.625	15.880	67.650	100.690	
			0.719	18.260	77.090	114.710	
			0.812	20.620	86.260	128.340	
			0.844	21.440	89.380	133.000	
			0.875	22.230	92.370	137.480	
			0.938	23.830	98.390	146.430	
			1.000	25.400	104.230	155.090	
1.125	28.580	115.730	169.180				
1.250	31.750	126.940	188.900				
12	12.750	323.8	0.281	7.140	37.460	55.760	
			0.312	7.920	41.480	61.700	
			0.330	8.380	43.810	65.180	
			0.344	8.740	45.620	67.900	
			0.375	9.530	49.610	73.780	
			0.406	10.310	53.570	79.700	
			0.438	11.130	57.650	85.820	
			0.500	12.700	65.480	97.430	
			0.562	14.270	73.220	108.920	
			0.625	15.880	81.010	120.590	
			0.688	17.480	88.710	132.040	
			0.750	19.050	95.210	143.170	
			0.812	20.620	103.630	154.170	
			0.844	21.440	107.420	159.860	
			0.875	22.230	111.080	165.330	
			0.983	23.830	118.440	176.290	
1.000	25.400	125.610	186.910				
1.062	26.970	132.690	197.430				
1.125	28.580	139.810	208.000				
1.250	31.750	153.670	228.680				
1.312	33.320	160.420	238.680				
14	14.000	355.6	0.312	7.920	45.650	67.900	
			0.344	8.740	50.220	74.760	
			0.375	9.530	54.620	81.250	
			0.438	11.130	63.500	94.550	
			0.469	11.910	67.840	100.940	
			0.500	12.700	72.160	107.390	
			0.593	15.090	84.980	126.470	
			0.750	19.050	106.230	158.100	
			0.938	23.830	130.980	194.960	
			1.094	27.790	150.930	224.650	
			1.250	31.750	170.370	253.560	
			1.406	35.710	189.290	281.700	
			2.000	50.800	256.560	381.830	
			2.125	53.970	269.760	401.440	
2.200	55.880	277.510	413.010				
2.500	63.500	307.340	457.400				