

SPECIFICATION FOR LINE PIPES - EN 10208-1,2

Application: gas, water and oil transportation

Seamless line pipes

Pipe dimensions and weight

Outside diameter, mm	Weight per lenght unit, kg/m, wall thickness, mm																	Steel grade	
	3.6	4.0	4.5	5.0	5.6	6.3	7.1	8.0	8.8	10.0	11.0	12.5	14.2	16.0	17.5	20.0	22.2	EN 10208-1	EN 10208-2
33.7	2.67																	L210GA- L415GA	L245NB- L415NB
42.4	3.44																		
48.3	3.97																		
60.3	5.03	5.55	6.19	6.82	7.55														
73.0		6.81	7.60	8.38	9.31	10.36	11.54												
88.9		8.38	9.37	10.35	11.50	12.83	14.32	15.96											
101.6		9.63	10.78	11.91	13.26	14.81	16.55	18.47											
114.3		10.88	12.19	13.48	15.01	16.78	18.77	20.97	22.90	25.72	28.02								
168.3							28.23	31.63	34.61	39.04	42.67	48.03	53.96	60.10	65.08	73.15			
219.1						33.06	37.12	41.65	45.64	51.57	56.45	63.69	71.75	80.14	87.01	98.20	107.80		
273.0							46.56	52.28	57.34	64.86	71.07	80.30	90.63	101.41	110.27	124.79	137.31		
323.9								62.32	68.38	77.41	84.88	95.99	108.45	121.49	132.23	149.89	165.18		

Welded line pipes

Pipe dimensions and weight

Outside diameter, mm	Weight per lenght unit, kg/m, wall thickness, mm								Steel grade	
	4.50	5.00	5.60	6.30	7.10	8.0	8.80	10.0	EN 10208-1	EN 10208-2
219.1	23.82	26.40	29.50	33.10	37.12	41.65	45.64	51.57	L210GA- L485GA	L245NB/MB-L485NB/MB
273.0		33.05	36.90	41.40	46.60	52.30	57.30	64.86		
323.9			43.96	49.30	55.50	62.30	68.40	77.41		
355.6			48.30	54.30	61.00	68.60	75.30	85.23		
406.4				62.20	69.90	78.60	86.30	97.80		
508.0				77.94	87.70	98.64	108.30	122.81		

LINE PIPES

SPECIFICATION FOR LINE PIPES – API 5L/ISO 3183

Application: gas, water and oil transportation
Welded highest steel grade X70/Service Annex H
Seamless highest steel grade X80/Service Annex H, J
Pipe dimensions and weight

Nominal size	Outside diameter		Wall thickness		Weight per length unit		Wheight class	Schedule	Pipe type	
	in	mm	in	mm	lb/ft	kg/m			Seamless	Welded
1.315	1.315	33.4	0.133	3.38	1.68	2.52	STD	40	•	
1.660	1.660	42.2	0.140	3.56	2.27	3.43	STD	40	•	
1.900	1.900	48.3	0.145	3.68	2.72	4.07	STD	40	•	
2	2.375	60.3	0.141	3.58	3.37	5.03			•	
			0.156	3.96	3.66	5.42	STD	40	•	
			0.172	4.37	4.05	6.07			•	
			0.188	4.78	4.40	6.57			•	
			0.218	5.54	5.03	7.43	XS	80	•	
2 1/2	2.875	73.0	0.156	3.96	4.53	6.81			•	
			0.172	4.37	4.97	7.44			•	
			0.188	4.78	5.40	8.07		30	•	
			0.203	5.16	5.80	8.69	STD	40	•	
			0.216	5.49	6.14	9.16			•	
			0.250	6.35	7.02	10.51			•	
3	3.500	88.9	0.276	7.01	7.67	11.39	XS	80	•	
			0.156	3.96	5.58	8.37			•	
			0.172	4.37	6.12	9.17			•	
			0.188	4.78	6.66	9.95		30	•	
			0.216	5.49	7.58	11.31	STD	40	•	
			0.250	6.35	8.69	13.02			•	
3 1/2	4.000	101.6	0.281	7.14	9.67	14.32			•	
			0.300	7.62	10.26	15.24	XS	80	•	
			0.156	3.96	6.41	9.63			•	
			0.172	4.37	7.04	10.55			•	
			0.188	4.78	7.66	11.46		30	•	
			0.226	5.74	9.12	13.48	STD		•	
4	4.500	114.3	0.250	6.35	10.02	15.02			•	
			0.281	7.14	11.17	16.55			•	
			0.318	8.08	12.52	18.68	XS	80	•	
			0.156	3.96	7.24	10.88			•	
			0.172	4.37	7.96	11.92			•	
			0.188	4.78	8.67	12.96		30	•	
			0.203	5.16	9.32	13.99			•	
			0.219	5.56	10.02	15.01			•	
			0.237	6.02	10.80	16.02	STD	40	•	
			0.250	6.35	11.36	17.03			•	
5	5.563	141.3	0.281	7.14	12.67	18.77			•	
			0.337	8.56	14.98	22.42	XS	80	•	
			0.438	11.13	19.00	28.32		120	•	
			0.258	6.55	14.63	21.92	STD	40	•	
			0.281	7.14	15.87	23.50			•	
			0.312	7.92	17.51	25.99			•	
6	6.625	168.3	0.344	8.74	19.19	28.45			•	
			0.375	9.53	20.80	30.88	XS	80	•	
			0.500	12.70	27.06	40.28		120	•	
			0.280	7.11	18.99	28.22	STD	40	•	
			0.312	7.92	21.06	31.25			•	
			0.344	8.74	23.10	34.24			•	
			0.375	9.53	25.05	37.20			•	
			0.432	10.97	28.60	42.67	XS	80	•	
			0.500	12.70	32.74	48.73			•	
			0.562	14.27	36.43	54.31		120	•	
			0.625	15.88	40.09	59.76			•	
			0.719	18.26	45.39	67.69		160	•	
			0.750	19.05	47.10	70.27			•	
			0.864	21.95	53.21	79.22	XXS		•	
			0.875	22.23	53.78	80.08			•	

Pipe dimensions and weight

Nominal size	Outside diameter		Wall thickness		Weight per length unit		Wheight class	Schedule	Pipe type	
	in	mm	in	mm	lb/ft	kg/m			Seamless	Welded
8	8.625	219.1	0.188	4.78	16.98	25.26				•
			0.203	5.16	18.28	27.43		20		•
			0.219	5.56	19.68	29.48		30		•
			0.250	6.35	22.38	33.57			•	•
			0.277	7.04	24.72	36.61	STD	40	•	•
			0.312	7.92	27.73	41.14			•	•
			0.322	8.18	28.58	42.65			•	•
			0.344	8.74	30.45	45.14		60	•	•
			0.375	9.53	33.07	49.10			•	•
			0.406	10.31	35.67	53.09	XS	80	•	•
			0.438	11.13	38.33	56.94			•	
			0.500	12.70	43.43	64.64			•	
			0.562	14.27	48.44	72.22		120	•	
			0.625	15.88	53.45	79.67			•	
			0.719	18.26	60.77	90.62		140	•	
			0.750	19.05	63.14	94.20			•	
			0.812	20.62	67.82	100.84	XXS	160	•	
			0.875	22.23	72.49	107.79			•	
			0.906	23.01	74.69	111.27			•	
10	10.750	273.0	0.203	5.16	22.89	34.35				•
			0.219	5.56	24.65	36.94		20		•
			0.250	6.35	28.06	42.09				•
			0.279	7.09	31.23	46.57		30	•	•
			0.307	7.80	34.27	51.03			•	•
			0.344	8.74	38.27	56.72	STD	40	•	•
			0.365	9.27	40.52	60.50			•	•
			0.438	11.13	48.28	71.72	XS	60	•	
			0.500	12.70	54.79	81.55			•	
			0.562	14.27	61.21	91.26			•	
			0.625	15.88	67.65	100.85		100	•	
			0.719	18.26	77.10	114.99			•	
			0.812	20.62	86.26	128.27			•	
			0.875	22.23	92.37	137.36			•	
			0.938	23.83	98.39	146.32			•	
12	12.750	323.8	0.219	5.56	29.34	43.96		20		•
			0.250	6.35	33.41	50.11				•
			0.281	7.14	37.46	55.47				•
			0.312	7.92	41.48	61.56		30	•	•
			0.330	8.38	43.81	65.35			•	•
			0.344	8.74	45.62	67.62	STD		•	•
			0.375	9.53	49.61	73.65		40	•	•
			0.406	10.31	53.57	79.65			•	•
			0.438	11.13	57.65	85.62	XS		•	
			0.500	12.70	65.48	97.46		60	•	
			0.562	14.27	73.22	109.18			•	
			0.625	15.88	81.01	120.76		80	•	
			0.688	17.48	88.71	132.23			•	
			0.750	19.05	96.21	143.56			•	
			0.812	20.62	103.63	154.08			•	
			0.938	23.83	118.44	176.13			•	
14	14.000	355.6	0.219	5.56	32.26	48.33		10		•
			0.250	6.35	36.75	55.11				•
			0.281	7.14	41.21	61.02		20		•
			0.312	7.92	45.65	67.74				•
			0.344	8.74	50.22	74.42	STD	30		•
			0.375	9.53	54.62	81.08				•
16	16.000	406.4	0.406	10.31	59.00	87.71		10		•
			0.250	6.35	42.09	63.13				•
			0.281	7.14	47.22	69.91		20		•
			0.312	7.92	52.32	77.63				•
			0.344	8.74	57.57	85.32	STD	30		•
20	20.000	508.0	0.375	9.53	62.64	92.98				•
			0.406	10.31	67.60	100.60		10		•
			0.250	6.35	52.78	79.16				•
			0.281	7.14	59.23	87.70				•
			0.312	7.92	65.66	97.43				•
			0.344	8.74	72.28	107.12	STD	20		•
			0.375	9.53	78.67	116.78				•
			0.406	10.31	85.04	126.41				•

