

SS316L Seamless Tube

(ASTM A 269)



Common Grade Chemical Analysis

GRADE		C	MN	SI	P	S	CR	MO	NI	N
316L	Min	-	-	-	-	-	16.00	2.00	10.00	-
	Max	0.03	2.00	0.75	0.045	0.03	18.00	3.00	14.00	0.10

OD (mm)	Tolerance	Thickness (mm)	ID (mm)	Design Pressure		Burst Pressure	Weight	
				Static	Dynamic	bar	Lgth (mtr)	6 mtrs Kg/lgth
6	±0.8	1.0	4.0	389	324	1440	6.0	0.75
		2.0	2.0	692	662	>3500	6.0	1.18
8		1.0	6.0	333	288	1175	6.0	1.04
		1.5	5.0	431	360	1638	6.0	1.44
10		2.0	4.0	549	433	2059	6.0	1.78
		1.0	8.0	282	248	900	6.0	1.33
		1.5	7.0	373	316	1276	6.0	1.89
12		2.0	6.0	478	388	1716	6.0	2.37
		1.0	10.0	235	209	750	6.0	1.63
		1.5	9.0	353	303	1150	6.0	2.33
14		2.0	8.0	409	341	1391	6.0	2.96
		2.0	10.0	403	342	1325	6.0	3.55
		15	1.5	12.0	282	248	950	6.0
16		2.0	11.0	376	321	1275	6.0	3.85
		2.0	12.0	353	303	1175	6.0	4.14
18		1.5	15.0	235	209	700	6.0	3.66
		2.0	14.0	313	273	975	6.0	4.73
20		2.0	16.0	282	248	900	6.0	5.33
		2.5	15.0	353	303	1100	6.0	6.47
22		2.0	18.0	256	227	775	6.0	5.92
	2.5	17.0	320	278	1025	6.0	7.21	
25	3.0	19.0	338	292	1025	6.0	9.77	
28	2.5	23.0	252	223	750	6.0	9.43	
	3.0	22.0	302	264	900	6.0	11.10	
30	3.0	24.0	282	248	850	6.0	11.98	

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OD (mm)	Tolerance	Thickness (mm)	ID (mm)	Design Pressure		Burst Pressure bar	Weigh	
				Static	Dynamic		Lgth (mtr)	6 mtrs Kg/lgth
35	±0.15	3.0	29.0	242	215	700	6.0	14.20
		4.0	27.0	322	280	960	6.0	15.10
38	±0.20	4.0	30.0	297	260	900	6.0	20.12
42		3.0	36.0	201	181	575	6.0	17.31
		4.0	34.0	269	237	850	6.0	19.30
6.35	-	1.22	-	512	-	-	-	-
9.53	-	1.22	-	361	-	-	-	-
12.7	-	1.42	-	315	-	-	-	-
15.88	-	1.65	-	293	-	-	-	-
19.05	-	2.03	-	301	-	-	-	-
25.4	-	2.64	-	293	-	-	-	-
31.75	-	3.26	-	290	-	-	-	-