

ASTM A500 : 1995

Normal Size	Outside Diameter		Wall Thickness		Weight		Packing
	inch	inch	mm.	inch	mm.	kg./ft.	kg./m.
1/2	0.840	21.3	0.109	2.77	0.39	1.27	200
3/4	1.050	26.7	0.113	2.87	0.51	1.69	127
1	1.315	33.4	0.104	2.64	0.61	2.00	114
1 1/4	1.660	42.2	0.110	2.79	0.83	2.71	91
	1.660	42.2	0.140	3.56	1.03	3.39	
	1.660	42.2	0.191	4.85	1.36	4.47	
1 1/2	1.900	48.3	0.114	2.90	0.99	3.25	70
	1.900	48.3	0.145	3.68	1.23	4.05	
	1.900	48.3	0.200	5.08	1.65	5.41	
2	2.375	60.3	0.121	3.07	1.32	4.33	44
	2.375	60.3	0.154	3.91	1.66	5.44	
	2.375	60.3	0.218	5.54	2.28	7.48	
2 1/2	2.875	73.0	0.156	3.96	2.06	6.74	37
	2.875	73.0	0.188	4.78	2.45	8.04	
	2.875	73.0	0.203	5.16	2.63	8.63	
	2.875	73.0	0.276	7.01	3.48	11.41	
3	3.500	88.9	0.156	3.96	2.53	8.29	19
	3.500	88.9	0.188	4.78	3.02	9.92	
	3.500	88.9	0.216	5.49	3.44	11.29	
4	4.500	114.3	0.560	3.96	3.29	10.78	10
	4.500	114.3	0.188	4.78	3.94	12.91	
	4.500	114.3	0.219	5.56	4.55	14.91	
	4.500	114.3	0.237	6.02	4.90	16.07	
5	5.563	141.3	0.258	6.55	6.64	21.77	10
	5.563	141.3	0.375	9.53	9.44	30.97	
6	6.625	168.3	0.280	7.11	8.62	28.26	7
8	8.625	219.1	0.322	8.18	12.97	42.55	7
	8.625	219.1	0.500	12.70	19.71	64.64	

Standard Specifications	Application	Chemical Requirement (%)						Physical Requirement (%)			Flattening Test	Bend Test	Hydrostatic Test	Others
		C	Si	Mn	P (Max)	S (Max)	Other	Tensile Strength Min	Yield Strength Min	Elongation (Min%)				
ASTM	A	0.26	-	-	0.04	0.05	-	45,000 Psi (31.6 kgf/mm2)	33,000 Psi (23.2 kgf/mm2)	25 (E=56t+17.50)	Weld Portion H=2/30 The other side of			If necessary Stress relieved annealing
	B	0.26	-	-	0.04	0.05	-	58,000 Psi (40.8 kgf/mm2)	46,000 Psi (29.5 kgf/mm2)	23 (E=61t+12.00)				
A500	C	0.23	-	1.35	0.04	0.05	-	62,000 Psi (43.6 kgf/mm2)	50,000 Psi (32.4 kgf/mm2)		Weld portion H=1/30			
	Round			Max										