





## SHREE STEEL OVERSEAS FZCO

PLOT No : S50807, JEBEL ALI FREE ZONE(SOUTH), DUBAI,UAE, PO BOX:17729  
 TEL: 0097148865119 , FAX: 0097148865118, EMAIL : SALES@SSO.AE , INFO@SSO.AE  
 WWW.SHREESTEELOVERSEAS.COM

### INCH UNITS

#### ANSI Pipe Schedule Inch Units

OD= Inches  
 Wall thickness =Inches  
 weight= lbs/ft  
 Vol/ft=ft<sup>3</sup>

Nominal Pipe Size inches	OD inches	Figures based on austenitic steel													Shipping Vol/ft ft <sup>3</sup>						
		10	20	30	STD	40	60	XS	80	100	120	140	160	XXS		5S	10S	40S	80S		
1 1/8	1.315				0.068 0.24	0.068 0.24		0.095 0.31	0.095 0.31								0.049 0.19	0.068 0.24	0.095 0.32	0.004	
1 1/4	1.375				0.068 0.42	0.068 0.42		0.119 0.54	0.119 0.54									0.065 0.43	0.088 0.43	0.119 0.55	0.007
1 1/2	1.500				0.091 0.57	0.091 0.57		0.126 0.74	0.126 0.74									0.065 0.43	0.091 0.58	0.126 0.75	0.0011
2	2.375				0.109 0.85	0.109 0.85		0.147 1.09	0.147 1.09				0.188 1.95	0.294 2.95		0.065 0.55	0.083 0.88	0.109 0.87	0.147 1.11	0.014	
2 1/2	2.875				0.113 1.13	0.113 1.13		0.154 1.47	0.154 1.47				0.219 2.90	0.308 3.84		0.065 0.70	0.083 0.88	0.113 1.15	0.154 1.59	0.025	
3	3.500				0.113 1.68	0.133 1.68		0.179 2.17	0.179 2.17				0.250 4.24	0.358 5.45		0.065 0.89	0.109 1.43	0.133 1.71	0.179 2.21	0.039	
3 1/2	4.000				0.140 2.27	0.140 2.27		0.191 3.09	0.191 3.09				0.250 5.81	0.382 7.77		0.065 1.13	0.109 1.88	0.140 2.32	0.191 3.08	0.064	
4	4.050				0.145 2.72	0.145 2.72		0.200 3.62	0.200 3.62				0.281 7.25	0.400 5.58		0.065 1.31	0.109 2.13	0.145 2.77	0.200 3.20	0.081	
4 1/2	4.500				0.154 3.35	0.154 3.35		0.218 5.02	0.218 5.02				0.344 11.11	0.436 13.44		0.065 1.64	0.109 2.89	0.154 3.72	0.218 5.12	0.127	
5	5.563				0.203 5.79	0.203 5.79		0.276 7.86	0.276 7.86				0.375 14.92	0.552 29.39		0.083 3.53	0.120 3.60	0.203 5.91	0.276 7.81	0.187	
6	6.625				0.216 7.58	0.216 7.58		0.300 19.25	0.300 19.25				0.438 21.35	0.600 27.68		0.083 3.09	0.120 4.42	0.126 7.73	0.300 10.46	0.279	
7	7.625				0.226 9.11	0.226 9.11		0.318 12.50	0.318 12.50							0.083 3.55	0.120 5.07	0.226 9.29	0.318 12.78	0.364	
8	8.625				0.237 19.79	0.237 19.79		0.337 14.98	0.337 14.98			0.438 19.00		0.531 22.51	0.674 27.54		0.083 4.00	0.120 5.72	0.226 11.01	0.337 15.28	0.459
9	9.625				0.258 14.82	0.258 14.82		0.375 29.79	0.375 29.79			0.500 27.04		0.625 32.96	0.750 38.55		0.109 6.49	0.134 7.93	0.237 14.91	0.375 21.20	0.703
10	10.750				0.280 18.97	0.280 18.97		0.432 26.57	0.432 26.57			0.562 36.39		0.719 45.35	0.864 53.16		0.109 7.75	0.148 9.49	0.278 19.35	0.432 29.14	0.989
12	12.750	0.250 22.36	0.277 34.79	0.322 28.55	0.322 28.55	0.406 35.64	0.500 43.39	0.500 43.39	0.594 50.95	0.719 60.71	0.812 67.76	0.906 74.69	0.975 72.42	0.109 16.13	0.165 13.87	0.322 29.12	0.500 44.26			1.695	
14	14.000	0.250 28.04	0.307 34.24	0.365 40.48	0.365 40.48	0.500 54.74	0.500 54.74	0.594 64.43	0.719 77.03	0.884 89.27	1.000 104.13	1.125 115.64	1.000 104.13	0.134 15.49	0.180 19.02	0.365 41.29	0.500 55.83			2.613	
16	16.000	0.250 33.38	0.330 43.77	0.375 49.56	0.406 53.52	0.562 73.15	0.500 65.42	0.688 88.63	0.844 107.32	1.000 125.49	1.125 139.87	1.312 169.27	1.000 125.49	0.156 21.48	0.188 24.85	0.375 50.55	0.500 66.73			3.673	
18	18.000	0.250 36.71	0.312 45.81	0.375 54.57	0.375 54.57	0.438 63.44	0.594 85.95	0.500 72.09	0.750 106.13	0.938 130.85	1.094 150.79	1.250 170.21	1.406 189.11		0.156 23.53	0.188 29.28				4.450	
20	20.000	0.250 42.05	0.312 52.27	0.375 62.58	0.375 62.58	0.500 82.77	0.656 107.50	0.500 82.77	0.844 136.61	1.031 164.82	1.129 192.43	1.438 233.64	1.594 245.25		0.165 28.46	0.188 32.39				5.827	
22	22.000	0.250 47.39	0.312 55.94	0.438 62.15	0.375 79.39	0.562 104.67	0.750 138.17	0.500 92.45	0.938 170.92	1.156 207.96	1.375 244.14	1.562 274.22	1.781 308.50		0.165 32.86	0.188 36.48				7.345	
24	24.000	0.250 52.73	0.375 78.60	0.500 104.13	0.375 78.60	0.594 123.11	0.812 165.40	0.500 104.13	1.031 208.87	1.281 256.10	1.500 296.37	1.750 341.09	1.969 379.17		0.188 40.59	0.218				9.11	
26	26.000	0.250 58.07	0.375 88.91	0.500 114.81	0.375 88.91		0.875 197.41	0.500 114.81	1.125 250.81	1.375 302.88	1.625 353.61	1.875 403.00	2.125 451.86		0.188 44.68	0.218 51.72				11.018	
28	28.000	0.250 63.41	0.375 94.92	0.562 140.68	0.375 94.92	0.688 171.29	0.969 238.35	0.500 125.49	1.219 296.58	1.531 367.39	1.812 429.39	2.062 483.12	2.344		0.218 56.48	0.218 64.68				13.137	
30	30.000	0.312 68.75	0.500 136.17		0.375 102.83			0.500 136.17													15.361
32	32.000	0.312 74.09	0.500 146.85	0.625 182.73	0.375 110.64			0.500 146.85													17.833
34	34.000	0.312 79.43	0.500 157.53	0.625 196.08	0.375 118.65			0.500 157.53							0.250 81.02	0.312 100.91					20.482
36	36.000	0.312 84.77	0.500 168.21	0.625 209.43	0.375 126.89	0.688 236.08		0.500 168.21													23.307
38	38.000	0.312 90.11	0.500 178.89	0.625 222.79	0.375 134.87	0.688 244.77		0.500 178.89													26.344
40	40.000	0.312 95.45	0.500 189.57	0.625 236.13	0.375 142.68	0.750 282.35		0.500 189.57													29.487
42	42.000				0.375 150.69			0.500 209.25													32.877
44	44.000				0.375 159.79			0.500 219.93													36.44
46	46.000				0.375 166.71			0.500 221.61													40.187
48	48.000				0.375 174.72			0.500 232.29													44.107
					0.375 182.73			0.500 242.97													48.168
					0.375 190.74			0.500 252.65													52.441

DEDICATED TO OIL, GAS, POWER, PETROCHEMICAL AND SHIP BUILDING INDUSTRIES



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## SI-UNITS (METRIC)

ANSI Pipe Schedule  
 SI-Units (metric)

OD= mm  
 Wall thickness =mm  
 weight= kg/m  
 Vol/m=m<sup>3</sup>

Nominal Pipe Size Inches	OD mm	Figures based on austenitic steel													Shipping					
		10	20	30	STD	40	60	XS	80	100	120	140	160	XXS	5S	10S	40S	80S	Vol/m <sup>3</sup>	
1/8	10.30				1.73 0.37	1.73 0.37		2.41 0.47	2.41 0.47								1.24 0.28	1.73 0.37	2.41 0.47	0.0001
1/4	13.70				2.24 0.63	2.24 0.63		3.02 0.80	3.02 0.80								1.65 0.49	2.24 0.63	3.02 0.80	0.0002
3/8	17.10				2.31 0.84	2.31 0.84		3.20 1.10	3.20 1.10								1.65 0.63	2.31 0.84	3.20 1.10	0.0003
1/2	21.30				2.77 1.27	2.77 1.27		3.73 1.62	3.73 1.62				4.78 1.95	7.47 2.55	1.65 0.80	2.11 1.00	2.77 1.27	3.73 1.62		0.0004
3/4	26.70				2.87 1.69	2.87 1.69		3.91 2.20	3.91 2.20				5.56 2.90	7.82 3.64	1.65 1.02	2.11 1.28	2.87 1.89	3.91 2.20		0.0007
1	33.40				3.38 2.90	3.38 2.90		4.55 3.24	4.55 3.24				6.35 4.24	9.09 5.45	1.65 1.29	2.77 2.09	3.38 2.90	4.55 3.24		0.0011
1 1/4	42.20				3.96 3.39	3.96 3.39		4.85 4.47	4.85 4.47				6.35 5.81	9.70 7.77	1.65 1.65	2.77 2.69	3.56 3.39	4.85 4.47		0.0018
1 1/2	48.30				3.68 4.05	3.68 4.05		5.08 5.41	5.08 5.41				7.14 7.25	10.15 9.55	1.65 1.99	2.77 3.11	3.68 4.05	5.08 5.41		0.0023
2	60.30				3.91 5.44	3.91 5.44		5.54 7.48	5.54 7.48				8.74 11.11	11.07 13.44	1.65 2.39	2.77 3.93	3.91 5.44	5.54 7.48		0.0036
2 1/2	73.00				5.16 8.63	5.16 8.63		7.01 11.41	7.01 11.41				9.53 14.92	14.02 20.39	2.11 3.89	3.05 5.26	5.16 8.63	7.01 11.41		0.0053
3	88.90				5.49 11.29	5.49 11.29		7.62 15.27	7.62 15.27				11.13 21.35	15.24 27.68	2.11 4.92	3.05 6.48	5.49 11.29	7.62 15.27		0.0079
3 1/2	101.60				5.74 13.57	5.74 13.57		8.08 18.64	8.08 18.64						2.11 5.18	3.05 7.41	5.74 13.57	8.08 18.64		0.0103
4	114.30				6.02 16.08	6.02 16.08		8.56 22.32	8.56 22.32			11.13 28.32	13.49 33.54	17.12 41.03	2.11 5.84	3.05 8.37	6.02 16.08	8.56 22.32		0.0130
5	141.30				6.55 21.77	6.55 21.77		9.53 30.97	9.53 30.97			12.70 40.28	15.88 49.12	19.05 57.43	2.77 8.46	3.40 11.56	6.55 21.77	9.53 30.97		0.0199
6	168.30				7.11 28.26	7.11 28.26		10.97 42.56	10.97 42.56			14.27 54.21	18.26 67.57	21.95 79.22	2.77 11.31	3.40 13.83	7.11 28.26	10.97 42.56		0.028
8	219.10	6.35 33.32	7.04 36.82	8.18 42.55	8.18 42.55	10.31 53.09	12.70 64.64	12.70 64.64	15.09 75.92	18.26 95.44	20.62 100.93	23.01 111.27	22.23 107.93	2.77 14.78	3.76 19.97	8.18 42.55	12.70 64.64		0.048	
10	273.00	6.35 41.76	7.80 51.01	9.27 60.29	9.27 60.29	12.70 81.53	12.70 81.53	15.09 95.88	18.26 114.71	21.44 133.01	25.40 135.16	28.58 172.27	25.40 155.16	3.40 22.61	4.19 27.79	9.27 60.31	12.70 81.56		0.074	
12	323.80	6.35 49.71	8.38 65.19	9.53 73.86	10.31 79.71	14.27 108.93	17.48 132.05	21.44 159.87	25.40 186.92	28.58 208.98	33.32 238.69	25.40 186.92		3.96 31.25	4.57 35.99	9.53 73.88	12.70 97.47		0.104	
14	355.60	6.35 54.69	7.92 67.91	9.53 81.33	9.53 81.33	11.13 94.55	15.09 126.72	12.70 197.40	19.05 158.11	23.83 194.98	27.79 224.66	31.75 253.58	35.71 281.72		3.96 34.34	4.78 41.36			0.126	
16	406.40	6.35 62.64	7.92 77.83	9.53 93.27	9.53 93.27	12.70 123.31	16.66 160.13	12.70 123.31	21.44 203.53	26.19 245.57	30.96 286.86	36.53 333.21	40.49 365.38		4.19 41.56	4.78 47.34			0.165	
18	457.00	6.35 70.57	7.92 87.71	11.13 122.38	9.53 105.17	14.27 155.81	19.05 205.75	12.70 139.16	23.83 254.57	29.36 309.64	34.93 363.98	39.67 408.28	45.24 459.30		4.19 46.79	4.78 53.31			0.208	
20	508.00	6.35 78.55	9.53 117.15	12.70 155.13	9.53 117.15	15.09 183.43	20.62 247.84	12.70 155.13	26.19 311.19	32.54 381.55	38.10 441.52	44.45 508.15	50.01 564.85		4.78 59.32	5.54 78.65			0.258	
22	559.00	6.35 86.55	9.53 129.14	12.70 171.19	9.53 129.14		22.23 284.27	12.70 171.10	28.58 373.85	34.93 451.45	41.28 527.05	47.63 606.67	53.98 672.30		4.78 65.33	5.54 75.62			0.312	
24	610.00	6.35 94.53	9.53 141.12	14.27 209.65	9.53 141.12	17.48 255.43	24.61 355.28	12.70 187.07	30.96 442.11	38.89 547.74	46.02 640.07	52.37 720.19	59.54 808.27		5.54 82.58	6.35 94.53			0.372	
26	660.00	7.92 127.38	12.70 252.74		9.53 152.88			12.70 202.74												0.435
28	711.00	7.92 137.32	12.70 218.71	15.88 272.23	9.53 164.86			12.70 218.71												0.505
30	762.00	7.92 147.29	12.70 234.68	15.88 292.20	9.53 176.85			12.70 234.68							6.35 118.34	7.92 147.29				0.580
32	813.00	7.92 157.25	12.70 250.65	15.88 312.17	9.53 188.83	17.48 342.94		12.70 250.65												0.660
34	864.00	7.92 167.21	12.70 266.63	15.88 332.14	9.53 200.82	17.48 364.92		12.70 266.63												0.746
36	914.00	7.92 176.97	12.70 282.29	15.88 351.73	9.53 212.57	19.05 420.45		12.70 282.29												0.835
38	965.00				9.53 224.56			12.70 298.26												0.931
40	1016.00				9.53 236.54			12.70 314.23												1.032
42	1067.00				9.53 248.53			12.70 330.21												1.138
44	1118.00				9.53 260.52			12.70 346.18												1.249
46	1168.00				9.53 272.27			12.70 361.84												1.364
48	1219.00				9.53 284.25			12.70 377.81												1.485

DEDICATED TO OIL, GAS, POWER, PETROCHEMICAL AND SHIP BUILDING INDUSTRIES