

Pipe Weight Calculator Chart as per Schedule Thickness

Repute Steel & Engineering Co.





(AN ISO 9001:2008 CERTIFIED COMPANY)

STAINLESS STEEL PIPE DIMENSION AS PER ASTM & WEIGHT-KG. PER MTR. (ANSI B36.19)

Nominal Bore Outside Diameter		Sch5S		Sch40S		Sch-40S		Sch-80S		Sch-160S		Sch-XXS	
INCH	mm	Wt mm	Weight (Kg/mt)	Wt mm	Weight	Wt mm	Weight (Kg/mt)	Wt mm	Weight (Kg/mt)	Wt mm	Weight (Kg/mt)	Wt mm	Weight (Kg/mt)
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		1.24			0.49			3.02	0.80	-	-	-	-
3/8	17.1	1.24	0.490	1.65	0.63	2.31	0.845	3.20	1.10	-	-	-	-
1/2	21.3	1.65	0.800	2.11	1.00	2.77	1.27	3.75	1.62	4.75	1.94	7.47	2.55
3/4	26.7	1.65	1.03	2.11	1.28	2.87	1.68	3.91	2.20	5.54	2.89	7.82	3.63
1	33.4	1.65	1.30	2.77	2.09	3.38	2.50	4.55	3.24	6.35	4.24	9.09	5.45
1 1/4	42.2	1.65	1.65	2.77	2.70	3.56	3.38	4.85	4.47	6.35	5.61	9.70	7.77
1 1/2	48.3	1.65	1.91	2.77	3.11	3.68	4.05	5.08	5.41	7.14	7.25	10.16	9.54
2	60.3	1.65	2.40	2.77	3.93	3.91	5.44	5.54	7.48	8.74	11.1	11.07	13.44
2 1/2	73.0	2.11	3.69	3.05	5.26	5.16	8.63	7.01	11.4	9.53	14.9	14.2	20.39
3	88.9	2.11	4.51	3.05	6.45	5.49	11.30	7.62	15.2	11.1	21.3	15.24	27.65
4	114.3	2.11	5.84	3.05	8.36	6.02	16.07	8.56	22.3	13.49	33.54	17.12	41.03
5	141.3	2.77	9.47	3.40	11.57	6.55	21.8	9.53	31.97	15.88	49.11	19.05	57.43
6	168.3	2.77	11.32	3.40	13.84	7.11	28.3	10.97	42.7	18.2	67.56	21.95	79.22
8	219.1	2.77	14.79	3.76	19.96	8.18	42.6	12.7	64.6	23.0	111.2	22.23	107.8
10	273.1	3.40	22.63	4.19	27.78	9.27	60.5	12.7	96.0	28.6	172.4	25.40	155.15
12	323.9	3.96	31.25	4.57	36.00	9.52	73.88	12.7	132.0	33.32	238.76	25.40	186.97
14	355.6	3.96	34.36	4.78	41.3	11.13	94.59	19.05	158.08	35.71	281.70	-	-
16	406.4	4.19	41.56	4.78	47.29	12.7	123.30	21.41	203.33	40.46	365.11	-	-
18	457.2	4.19	46.80	4.78	53.42	14.27	155.80	23.8	254.36	45.71	466.40	-	-
20	508.0	4.78	59.25	5.54	68.71	15.09	183.42	26.19	311.2	49.99	564.68	-	-
24	609.6	5.54	82.47	6.35	94.45	17.48	255.41	30.96	442.08	59.54	808.22	-	-
	1/8 1/4 3/8 1/2 3/4 1 1 1/4 1 1/2 2 2 1/2 3 4 5 6 8 10 12 14 16 18 20	INCH mm 1/8 10.3 1/4 13.7 3/8 17.1 1/2 21.3 3/4 26.7 1 33.4 1 1/4 42.2 1 1/2 48.3 2 60.3 2 1/2 73.0 3 88.9 4 114.3 5 141.3 6 168.3 8 219.1 10 273.1 12 323.9 14 355.6 16 406.4 18 457.2 20 508.0	INCH mm Wt mm 1/8 10.3 1.24 1/4 13.7 1.24 3/8 17.1 1.24 1/2 21.3 1.65 3/4 26.7 1.65 1 33.4 1.65 1 1.65 1.65 1 1/2 48.3 1.65 2 60.3 1.65 2 1/2 73.0 2.11 3 88.9 2.11 4 114.3 2.77 6 168.3 2.77 8 219.1 2.77 10 273.1 3.40 12 323.9 3.96 14 355.6 3.96 16 406.4 4.19 18 457.2 4.19 20 508.0 4.78	INCH mm Wt mm Weight (Kg/mt) 1/8 10.3 1.24 0.276 1/4 13.7 1.24 0.390 3/8 17.1 1.24 0.490 1/2 21.3 1.65 0.800 3/4 26.7 1.65 1.03 1 33.4 1.65 1.30 1 1/4 42.2 1.65 1.65 1 1/2 48.3 1.65 1.91 2 60.3 1.65 2.40 2 1/2 73.0 2.11 3.69 3 88.9 2.11 4.51 4 114.3 2.11 5.84 5 141.3 2.77 9.47 6 168.3 2.77 11.32 8 219.1 2.77 14.79 10 273.1 3.40 22.63 12 323.9 3.96 31.25 14 355.6 3.96 34.36	INCH mm Wt mm Weight (Kg/mt) mm Wt mm 1/8 10.3 1.24 0.276 1.24 1/4 13.7 1.24 0.390 1.65 3/8 17.1 1.24 0.490 1.65 1/2 21.3 1.65 0.800 2.11 3/4 26.7 1.65 1.03 2.11 1 33.4 1.65 1.30 2.77 1 1/4 42.2 1.65 1.65 2.77 1 1/2 48.3 1.65 1.91 2.77 1 1/2 48.3 1.65 1.91 2.77 2 1/2 73.0 2.11 3.69 3.05 3 88.9 2.11 3.69 3.05 4 114.3 2.71 5.84 3.05 5 141.3 2.77 9.47 3.40 8 219.1 2.77 14.79 3.76 10 273.1 3.40 22.63	INCH mm Wt mm Weight (Kg/mt) Wt mm Weight (Kg/mt) 1/8 10.3 1.24 0.276 1.24 0.28 1/4 13.7 1.24 0.390 1.65 0.49 3/8 17.1 1.24 0.490 1.65 0.63 1/2 21.3 1.65 0.800 2.11 1.00 3/4 26.7 1.65 1.03 2.11 1.28 1 33.4 1.65 1.30 2.77 2.09 1 1/4 42.2 1.65 1.65 2.77 2.70 1 1/2 48.3 1.65 1.91 2.77 3.11 2 60.3 1.65 2.40 2.77 3.93 2 1/2 73.0 2.11 3.69 3.05 5.26 3 88.9 2.11 4.51 3.05 6.45 4 114.3 2.77 9.47 3.40 11.57 6 168.3 2.77 </td <td>INCH mm Wt mm Weight (Kg/mt) Wt mm Weight (Kg/mt) Wt mm Weight (Kg/mt) Wt mm 1/8 10.3 1.24 0.276 1.24 0.28 1.73 1/4 13.7 1.24 0.390 1.65 0.49 2.24 3/8 17.1 1.24 0.490 1.65 0.63 2.31 1/2 21.3 1.65 0.800 2.11 1.00 2.77 3/4 26.7 1.65 1.03 2.11 1.28 2.87 1 33.4 1.65 1.30 2.77 2.09 3.38 1 1/4 42.2 1.65 1.65 2.77 2.70 3.56 1 1/2 48.3 1.65 1.91 2.77 3.93 3.91 2 1/2 73.0 2.11 3.69 3.05 5.26 5.16 3 88.9 2.11 4.51 3.05 6.45 5.49 4 114.3 2.77 9.47</td> <td>INCH mm Wt mm Weight (Kg/mt) Wt mm Weight (Kg/mt) Wt mm Weight (Kg/mt) Wt mm Weight (Kg/mt) 1/8 10.3 1.24 0.276 1.24 0.28 1.73 0.37 1/4 13.7 1.24 0.390 1.65 0.49 2.24 0.631 3/8 17.1 1.24 0.490 1.65 0.63 2.31 0.845 1/2 21.3 1.65 0.800 2.11 1.00 2.77 1.27 3/4 26.7 1.65 1.03 2.11 1.28 2.87 1.68 1 33.4 1.65 1.30 2.77 2.09 3.38 2.50 1 1/4 42.2 1.65 1.65 2.77 2.70 3.56 3.38 1 1/2 48.3 1.65 1.91 2.77 3.11 3.68 4.05 2 60.3 1.65 2.40 2.77 3.93 3.91 5.44</td> <td>INCH mm Wt mm Weight (Kg/mt) mm Wt (Kg/mt) mm Mt (Kg/mt) Mt Mt (Kg/mt) Mt Mt (Kg/mt) Mt Mt (Kg/mt) Mt Mt<td> NCH</td><td> NCH</td><td> NCH</td><td> INCH</td></td>	INCH mm Wt mm Weight (Kg/mt) Wt mm Weight (Kg/mt) Wt mm Weight (Kg/mt) Wt mm 1/8 10.3 1.24 0.276 1.24 0.28 1.73 1/4 13.7 1.24 0.390 1.65 0.49 2.24 3/8 17.1 1.24 0.490 1.65 0.63 2.31 1/2 21.3 1.65 0.800 2.11 1.00 2.77 3/4 26.7 1.65 1.03 2.11 1.28 2.87 1 33.4 1.65 1.30 2.77 2.09 3.38 1 1/4 42.2 1.65 1.65 2.77 2.70 3.56 1 1/2 48.3 1.65 1.91 2.77 3.93 3.91 2 1/2 73.0 2.11 3.69 3.05 5.26 5.16 3 88.9 2.11 4.51 3.05 6.45 5.49 4 114.3 2.77 9.47	INCH mm Wt mm Weight (Kg/mt) Wt mm Weight (Kg/mt) Wt mm Weight (Kg/mt) Wt mm Weight (Kg/mt) 1/8 10.3 1.24 0.276 1.24 0.28 1.73 0.37 1/4 13.7 1.24 0.390 1.65 0.49 2.24 0.631 3/8 17.1 1.24 0.490 1.65 0.63 2.31 0.845 1/2 21.3 1.65 0.800 2.11 1.00 2.77 1.27 3/4 26.7 1.65 1.03 2.11 1.28 2.87 1.68 1 33.4 1.65 1.30 2.77 2.09 3.38 2.50 1 1/4 42.2 1.65 1.65 2.77 2.70 3.56 3.38 1 1/2 48.3 1.65 1.91 2.77 3.11 3.68 4.05 2 60.3 1.65 2.40 2.77 3.93 3.91 5.44	INCH mm Wt mm Weight (Kg/mt) mm Wt (Kg/mt) mm Mt (Kg/mt) Mt Mt (Kg/mt) Mt Mt (Kg/mt) Mt Mt (Kg/mt) Mt Mt <td> NCH</td> <td> NCH</td> <td> NCH</td> <td> INCH</td>	NCH	NCH	NCH	INCH

WEIGHT & THICKNESS OF S.S GUAGE PIPES

WEIGHT & THIOKKEDO OF OIG GONGET II EG										
DIMEN	ISION	10 SWG (3.2 MM)	12 SWG (2.6 MM)	14 SWG (2.1 MM)	16 SWG (1.65 MM)	18 SWG (1.2 MM)	19 SWG (1.0 MM)			
Size	OD	Weight/MTR	Weight/MTR	Weight/MTR	Weight/MTR	Weight/MTR	Weight/MTR			
1/2"	12.7	0.754	0.651	0.552	0.452	0.342	0.290			
5/8"	15.875	1.006	0.856	0.718	0.582	0.437	0.369			
3/4"	19.05	1.258	1.061	0.883	0.712	0.531	0.448			
1"	25.4	1.762	1.470	1.214	0.972	0.720	0.605			
1 1/4"	31.75	2.266	1.880	1.544	1.232	0.909	0.763			
1 1/2"	38.1	2.770	2.289	1.875	1.492	1.098	0.920			
2"	50.8	3.778	3.108	2.537	2.012	1.476	1.235			
2 1/2"	63.5	4.786	3.928	3.198	2.531	1.854	1.550			
3"	76.2	5.794	4.747	3.860	3.051	2.232	1.865			
3 1/2"	88.9	6.802	5.566	4.521	3.571	2.610	2.180			
4"	101.6	7.810	6.385	5.183	4.091	2.988	2.495			

Email::reputesteel@gmail.com, reputeengg@hotmail.com

Website :: www.reputesteel.com

Contact: +91 9819742205, 022 66595628

www.steel-circle-rings.com