

SS Pipe Weight Chart, stainless steel pipe dimensions

If you are running a business that happens to rely on stainless steel pipes such as 316 stainless steel or 304 stainless steel or just about any other form of stainless-steel pipes, then you can be sure that you must have SS pipe weight chart.

What Is So Important About Stainless-Steel Pipe Weight Chart?

Let's put it this way, if you do not know exactly what you want, how can you get what you want? Albeit, when you have SS pipe weight chart, you can get all relevant information from it - such as SS 304 pipe weight per meter, steel tubing dimensions, weight per foot, such as given below stainless-steel pipe dimensions chart.

STAINLESS STEEL PIPE DIMENSION AS PER ASTM & WEIGHT PER KG & MTR.

Nominal Bore		Outside Diameter	Sch-5S		Sch-10S		Sch-40S		Sch-80S		Sch-160S		Sch-XXS	
mm	INCH	mm	Wt mm	Weight (Kg/mt)	Wt mm	Weight (Kg/mt)	Wt mm	Weight (Kg/mt)	Wt mm	Weight (Kg/mt)	Wt mm	Weight (Kg/mt)	Wt mm	Weight (Kg/mt)
3	1/8	10.3	1.24	0.276	1.24	0.28	1.73	0.37	2.41	0.47	-	-	-	-
6	1/4	13.7	1.24	0.390	1.65	0.49	2.24	0.631	3.02	0.80	-	-	-	-
10	3/8	17.1	1.24	0.490	1.65	0.63	2.31	0.845	3.20	1.10	-	-	-	-
15	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
20	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
25	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
32	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
40	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
50	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
65	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
80	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
100	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
125	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
150	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
200	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
250	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
300	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
350	14	355.6	3.96	34.36	4.78	41.3	11.13	94.59	19.05	158.08	35.71	281.70	-	-
400	16	406.4	4.19	41.56	4.78	47.29	12.7	123.30	21.41	203.33	40.46	365.11	-	-
450	18	457.2	4.19	46.80	4.78	53.42	14.27	155.80	23.8	254.36	45.71	466.40	-	-
500	20	508.0	4.78	59.25	5.54	68.71	15.09	183.42	26.19	311.2	49.99	564.68	-	-
600	24	609.6	5.54	82.47	6.35	94.45	17.48	255.41	30.96	442.08	59.54	808.22	-	-

It is critical for you to have all this information available to you, as without this, you will not be able to know what works for your business – and what does not! For instance, if you happen to be seeking a particular SS pipe weight or SS 304 pipe price list or stainless steel pipe price list in India, where do you look for it? Surely you aren't going to hunt all over the internet looking for bits and pieces of information – most of which you would not even be able to tell for sure whether it is right or wrong! That's why we have SS pipe weight chart which is given below, which will help you to understand the weights of stainless-steel pipe

WEIGHT & THICKNESS OF STAINLESS-STEEL PIPE

DIMENSION		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

Information at Your Fingertips With SS Pipe Weight Chart

Yes, when you have stainless steel pipe weight chart, you really do have all the information you want, at the tip of your fingertips. In today's fast paced, highly competitive business environs, you need to understand that time is critical. As such, you cannot waste your time, hunting for information you desperately need. Check out our below chart of ASTM Specification & Tolerance for Piping

ASTM SPECIFICATION & TOLERANCE FOR TUBING & PIPING

Specification	Allowable Outside Diameter Variation in mm			Allowable Wall Thickness Variation		Exact Length Tolerance in mm		Testing
		Over	Under	%Over	%Under	Over	Under	
ASTM-A213 Seamless Boiler Superheater and Heat Exchanger Tubes	Nominal Diameter							Flattening Test Tension Test Flare Test Hardness Test 100% Hydrostatic test Refer to ASTM A-450
	Under 25.4	.1016	.1016	+20	-0	3.175	0	
	25.4-38.1 incl	.1524	.1524	+22	-0	3.175	0	
	38.1-50.8 excl	.2032	.2032	+22	-0	3.176	0	
	50.8-63.5 excl	.254	.254	+22	-0	4.46	0	
	63.5-76.2 excl	.3048	.3048	+22	-0	4.76	0	
76.2-101.6 incl	.381	.381	+22	-0	4.76	0		
ASTM-A249 Welded Boiler Superheater, Heat Exchanger And Condenser Tubes	Under 25.4	.1016	.1016	+10	-10	3.175	0	Tension Test Flattening Test Flange Test Reverse Bend Test Hardness Test 100% Hydrostatic Test Refer to ASTM A-450
	25.4-38.1 incl	.1524	.1524	+10	-10	3.175	0	
	38.1-50.8 Excl	.2032	.2032	+10	-10	3.175	0	
	50.0-63.5 excl	.254	.254	+10	-10	4.762	0	
	63.5-76.2 excl	.3848	.3048	+10	-10	4.762	0	
	76.2-101.6 incl	.381	.381	+10	-10	4.762	0	
ASTM-A269 Seamless & Welded Tubing for General Service	Untp 12.7	.13	.13	+15	-15	3.2	0	Flare Test (Seamless Only) Flange Test (Welded Only) Hardness Test Reverse Flattening Test (Welded only) 100% Hydrostatic Test Refer to ASTM-A269
	12.7-38.1 excl	.13	.13	+10	-10	3.2	0	
	38.1-88.9 excl	.25	.25	+10	-10	4.8	0	
	88.9-139.7 excl	.38	.38	+10	-10	4.8	0	
	139.7-203.2 excl	.76	.76	+10	-10	4.8	0	
ASTM-A270 Seamless & Welded Sanitary Tubing	25.4	.05	.20	+10.0	-10.0	3.2	0	Reverse flattening Test 100% Hydrostatic Test External polish on all tubes Refer to ASTM A-270
	38.1	.05	.20	+10.0	-10.0	3.2	0	
	50.8	.05	.28	+10.0	-10.0	3.2	0	
	60.5	.05	.28	+10.0	-10.0	3.2	0	
	76.2	.08	.30	+10.0	-10.0	3.2	0	
	101.6	.08	.38	+10.0	-10.0	4.8	0	
ASTM-A312 Seemless & Welded pipe	3.175-38.1 incl	.4	.79	Minimum Wall		6.4	0	Tension Test Flattening Test 100% Hydrostatic Test Refer to ASTM A-530
	38.1-1016 incl	.79	.79	12.5% under		6.4	0	
	101.6-203.2 incl	1.59	.79	nominal wall		6.4	0	
				Specified				
ASTM A-358 Welded pipe	219.08-750mm	+0.5%		-0.3		6.0		Refer to ASTM A-530

Just think for a moment, while you are busy hunting for information such as stainless steel pipe price per foot, SS pipe weight per meter, ANSI B36.19 PDF or SS 316 pipe price list, your competitor could already be having this kind of information available to him/her. And as such, your competitor might be signing a million-dollar business deal with some client. While all this time, you were just hunting for information. And as a result, you lost out on a million-dollar deal that could have been yours! So just check out our below stainless-steel Pipe/Tubes price list per MTR.

**304 STAINLESS STEEL ERW PIPE DIMENSIONS DIMENSION AND RATES AS PER
ASTM & WEIGHT-KG. PER MTR. (ANSI B36.19)**

Nominal Bore		Outside Diameter	Sch-5S		Rates	Sch-10S		Rates	Sch-40S		Rates
mm	INCH	mm	Wt mm	Weight (Kg/mt)	Rs/Kg	Wt mm	Weight (Kg/mt)	Rs/Kg	Wt mm	Weight (Kg/mt)	Rs/Kg
3	1/8	10.3	1.24	0.276	267.500	1.24	0.28	235.40	1.73	0.37	235.40
6	1/4	13.7	1.24	0.390	267.500	1.65	0.49	235.40	2.24	0.631	235.40
10	3/8	17.1	1.24	0.490	224.700	1.65	0.63	235.40	2.31	0.845	235.40
15	1/2	21.3	1.65	0.800	214.000	2.11	1.00	214.00	2.77	1.27	203.30
20	3/4	26.7	1.65	1.03	203.30	2.11	1.28	203.30	2.87	1.68	192.60
25	1	33.4	1.65	1.30	203.30	2.77	2.09	197.95	3.38	2.50	197.95
32	1 1/4	42.2	1.65	1.65	203.30	2.77	2.70	197.95	3.56	3.38	197.95
40	1 1/2	48.3	1.65	1.91	203.30	2.77	3.11	197.95	3.68	4.05	197.95
50	2	60.3	1.65	2.40	203.30	2.77	3.93	197.95	3.91	5.44	197.95
65	2 1/2	73.0	2.11	3.69	203.30	3.05	5.26	197.95	5.16	8.63	197.95
80	3	88.9	2.11	4.51	203.30	3.05	6.45	197.95	5.49	11.30	197.95
100	4	114.3	2.11	5.84	203.30	3.05	8.36	197.95	6.02	16.07	197.95
125	5	141.3	2.77	9.47	214.00	3.40	11.57	203.30	6.55	21.8	203.30
150	6	168.3	2.77	11.32	219.35	3.40	13.84	214.00	7.11	28.3	208.65
200	8	219.1	2.77	14.79	219.35	3.76	19.96	214.00	8.18	42.6	208.65
250	10	273.1	3.40	22.63	235.40	4.19	27.78	214.00	9.27	60.5	208.65
300	12	323.9	3.96	31.25	235.40	4.57	36.00	224.70	9.52	73.88	208.65
350	14	355.6	3.96	34.36	235.40	4.78	41.3	230.05	11.13	94.59	208.65
400	16	406.4	4.19	41.56	235.40	4.78	47.29	230.05	12.7	123.30	214.00
450	18	457.2	4.19	46.80	235.40	4.78	53.42	230.05	14.27	155.80	214.00
500	20	508.0	4.78	59.25	235.40	5.54	68.71	230.05	15.09	183.42	214.00
600	24	609.6	5.54	82.47	235.40	6.35	94.45	235.40	17.48	255.41	214.00

And All You Needed Was Stainless Steel Pipe Weight Chart

Yes, all it really boils down to is - needing the right kind of information available to you, at all times, for you to run a highly successful business! And that right information comes in the form of knowing things such as SS pipe schedule, stainless steel pipe price list in India,

having access to SS pipe weight calculator, knowing the 304 SS pipe weight, amongst other requisites.

As they say, time is money! And you just CANNOT AFFORD NOT TO HAVE this information available to you, whenever you want it. If you are wasting time hunting for information, information that you should already be having at the tip of your fingertips, then you can be sure of one harsh fact – you could be losing out big time and – your competitor could be winning – BIG TIME!

And That Is Why You Must Have SS Pipe Weight Chart

Now, have all the information you need at the tip of your fingertips. Information such as stainless steel pipe price per meter, SS pipe schedule chart, stainless steel 304 price per kg in India, SS 304 pipe weight – and so much more! NOW - have the winning edge over your competition – with SS Pipe Weight Chart!