



Mitesh Industries

TOTAL ENGINEERING SOLUTIONS...

Pipe & Tubes

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Pipes and Tubes

We supply quality and durable range of seamless, ERW pipes & tubes that is used for conveyance of fluids intended for critical high temperature. Seamless SS tubes are used in under similar service conditions in heat transfer process equipment like boilers, super heaters, heat exchangers and condensers.

Description	Size Range	Specification	Grades
S.S. Seamless Pipes / Tubes	6 NB to 900 NB	ASTM A -312 ASTM A -213 ASTM A -269	TP -304, 304L, 316, 316L, 316Ti, 309, 310, 310S, 321, 202, etc.
S.S. Welded Pipes / Tubes	6 NB TO 900 NB	ASTM A -312 ASTM A -249	TP -304, 304L, 316, 316L, 316Ti, 309, 310, 321, etc.
		ASTM A -269 ASTM A -358	TP -304, 304L, 316, 316L, 316Ti, 309, 310, 321, etc.

DIMENSION AND WEIGHT - STANDARD TUBING SIZES

DIMENSION		10SWg	12SWg	14SWg	16SWg	18SWg	20SWg	22SWg
SIZE INCHES	OD MM	3.25 MM WT.KG / M	2.64 MM WT.KG / M	2.03 MM WT.KG / M	1.62 MM WT.KG / M	1.21 MM WT.KG / M	0.91 MM WT.KG / M	0.71 MM WT.KG / M
3/8	9.52	0.549	0.447	0.405	0.341	0.268	0.193	0.165
1/2	12.7	0.768	0.654	0.542	0.451	0.350	0.264	0.213
3/4	19.05	1.285	1.068	0.864	0.710	0.554	0.407	0.320
1	25.4	1.181	1.482	1.187	0.969	0.738	0.549	0.432
1 ¹ / ₄	31.75	2.318	1.895	1.510	1.228	0.932	0.692	0.543
1 ¹ / ₂	38.1	2.834	2.309	1.832	1.487	1.126	0.820	0.654
1 ³ / ₂	44.45	3.408	2.722	2.191	1.775	1.341	0.834	0.765
2	50.8	3.868	3.136	2.478	2.006	1.541	1.119	0.877
2 ¹ / ₂	63.5	4.901	3.963	3.123	2.524	1.858	-	-
3	76.2	5.934	4.790	3.453	2.789	2.237	-	-
3 ¹ / ₂	88.9	6.964	5.617	4.413	3.560	2.616	-	-
4	101.6	8.000	6.444	5.059	4.078	2.995	-	-
4 ¹ / ₂	114.3	8.900	7.272	5.620	4.501	3.374	-	-
5	127.0	9.917	8.099	6.255	5.008	3.753	-	-
6	152.4	11.953	9.753	7.527	6.023	4.474	-	-

STAINLESS STEEL PIPE -DIMENSIONS AND WEIGHT (SCHEDULE, WALL THICKNESS & WEIGHT)

To ASTM A312 : Seamless and welded austenitic stainless steel pipe

Designation		O/D	Nominal Wall Thickness														
Diameter			SCH.55		SCH.5		SCH.10S		SCH.10		SCH.20S		SCH.30		SCH.40S		SCH.40
(A)	(B)	MM	Wall THK	Weight Kg/Mtr	Wall THK	Weight Kg/Mtr	Wall THK	Weight Kg/Mtr	Wall THK	Weight Kg/Mtr	Wall THK	Weight Kg/Mtr	Wall THK	Weight Kg/Mtr	Wall THK	Weight Kg/Mtr	Wall THK
6	1/8	10.3	1.0	0.23			1.2	0.27			1.5	0.33			1.73	0.37	
8	1/4	13.7	1.2	0.37			1.65	0.49			2.00	0.58			2.24	0.64	
10	3/8	17.2	1.2	0.47			1.65	0.63			2.00	0.74			2.31	0.87	
15	1/2	21.3	1.65	0.81	1.65	0.81	2.11	1.02	2.11	1.02	2.5	1.15			2.77	1.29	
20	3/4	26.7	1.65	1.03	1.65	1.03	2.11	1.30	2.11	1.30	2.5	1.49			2.87	1.71	
25	1	33.4	1.65	1.31	1.65	1.31	2.77	2.13	2.77	2.13	3.00	2.24			3.38	2.54	
32	1 1/4	42.2	1.65	1.67	1.65	1.67	2.77	2.73	2.77	2.73	3.00	2.90			3.56	3.44	
40	1 1/2	48.3	1.65	1.93	1.65	1.93	2.77	3.16	2.77	3.16	3.00	3.35			3.68	4.11	
50	2	60.3	1.65	2.42	1.65	2.42	2.77	3.99	2.77	3.99	3.5	4.90			3.91	5.52	
65	2 1/2	73.0	2.11	3.75	2.11	3.75	3.05	5.34	3.05	5.34	3.5	6.00			5.16	8.77	
80	3	88.9	2.11	4.59	2.11	4.59	3.05	6.56	3.05	6.56	4.00	8.37			5.49	11.47	
90	3 1/2	101.6	2.11	5.25	2.11	5.25	3.05	7.53	3.05	7.53	4.00	9.62			5.74	13.78	
100	4	114.3	2.11	5.93	2.11	5.93	3.05	8.50	3.05	8.50	4.5	12.18			6.02	16.32	
125	5	141.3	2.77	9.61	2.77	9.61	3.40	11.74	3.40	11.74	5.00	16.80			6.55	22.10	
150	6	168.3	2.77	11.47	2.77	11.47	3.40	14.04	3.40	14.04	5.5	22.08			7.11	28.69	
200	8	219.1	2.77	15.00	2.77	15.00	3.76	20.27	3.76	20.27	6.35	33.82	7.04	37.38	8.18	43.20	
250	10	273.1	3.40	22.95	3.40	22.95	4.19	28.20	4.19	28.20	6.35	42.41	7.80	51.81	9.27	61.22	
300	12	323.9	3.96	31.72	4.19	33.60	4.57	36.54	4.57	36.54	6.35	50.48	8.38	66.20	9.53	75.01	10.31
350	14	355.9	3.96	34.86			4.78	41.99	6.35	55.53	7.92	68.95	9.53	82.58	9.53	82.58	11.13
400	16	406.4	4.19	42.20			4.78	48.07	6.35	63.61	7.92	79.03	9.53	94.70	9.53	94.70	12.70
450	18	457.2	4.19	47.46			4.78	54.15	6.35	71.69	7.92	89.10	11.13	124.32	9.53	106.83	11.27
500	20	508.0	4.78	60.23			5.54	69.70	6.35	79.76	9.53	118.93	12.70	157.51	9.53	118.9	15.06
550	22	558.8	4.78	65.95			5.54	76.75	6.35	87.84	9.53	131.07	12.70	173.66	9.53	131.07	15.88
600	24	609.6	5.54	83.80			6.35	95.92	6.35	95.92	9.53	143.20	14.27	212.72	9.53	143.20	17.45
650	26	660.4							7.92	129.40	12.70	205.97			9.53	153.32	
700	28	711.2							7.92	139.47	12.70	222.13	15.88	276.48	9.53	167.44	
750	30	762.0	6.35	120.15			7.92	149.55	7.92	149.55	12.70	238.25	15.88	296.68	9.53	179.56	
800	32	812.8							7.92	159.62	12.70	254.44	15.88	316.88	9.53	191.69	17.48
850	34	863.6							7.92	169.64	12.70	270.50	15.88	336.96	9.53	203.74	17.48
900	36	914.4							7.92	179.77	12.70	286.75	15.88	357.28	9.53	215.93	19.05

STAINLESS STEEL PIPE -DIMENSIONS AND WEIGHT (CONTD)

To ASTM A312: Seamless and welded austenitic stainless steel pipe

		Nominal Wall Thickness																
		SCH.60		SCH.80S		SCH.80		SCH.100		SCH.120		SCH.140		SCH.160		SCH.XXS		
Weight Kg/Mtr	Wall THK	Weight Kg/Mtr	Wall THK	Weight Kg/Mtr	Wall THK	Weight Kg/Mtr	Wall THK	Weight Kg/Mtr	Wall THK	Weight Kg/Mtr	Wall THK	Weight Kg/Mtr	Wall THK	Weight Kg/Mtr	Wall THK	Weight Kg/Mtr	Wall THK	Weight Kg/Mtr
			2.41	0.47														
			3.02	0.82														
			3.20	1.12														
			3.73	1.64										4.75	1.97	7.47	2.59	
			3.91	2.93										5.54	2.93	7.82	3.69	
			4.55	3.29										6.35	4.30	9.09	5.53	
			4.85	4.53										6.35	5.69	9.70	7.88	
			5.08	5.49										7.14	4.35	10.16	9.69	
			5.54	7.60										8.71	11.26	11.07	13.65	
			7.01	11.59										9.53	15.15	14.02	20.72	
			7.62	15.51										11.13	21.67	15.24	28.11	
			8.08	18.92												16.15	34.56	
			8.56	22.66					11.13	28.75				13.49	34.05	17.12	41.66	
			9.53	31.44					12.70	40.90				15.88	49.87	19.05	58.31	
			10.97	43.21					14.27	55.03				18.24	68.53	21.95	79.1	
	10.81	53.90	12.70	65.63			15.06	76.93	18.24	91.73	20.62	102.47	23.01	112.97	22.23	108.0		
	12.20	82.80	12.70	82.80	15.06	97.27	18.24	116.38	21.41	134.90	25.40	157.51	28.58	174.95	25.40	155.5		
80.94	14.27	110.62	12.70	98.95	17.45	133.88	21.41	162.14	25.40	189.82	28.58	211.31	33.32	242.40	25.40	189.82		
96.00	15.06	128.42	12.70	109.4	19.05	160.54	23.80	157.74	27.76	227.88	31.75	257.47	35.71	286.04				
125.20	16.66	162.59	12.70	125.20	21.41	206.40	26.19	149.34	30.94	290.88	36.53	338.32	40.46	370.54				
158.27	19.5	209.00	12.70	141.35	23.80	258.29	29.36	314.54	34.93	369.34	39.67	414.74	41.24	466.67				
185.89	20.62	251.65	12.70	157.51	26.19	315.97	32.54	387.41	38.10	448.30	44.45	515.94	49.99	573.31				
216.04	22.23	298.55	12.70	173.66	28.57	379.70	34.92	457.83	41.27	535.17	47.62	609.30	53.97	682.57				
258.74	24.59	360.21	12.70	189.82	30.94	448.30	38.89	555.76	46.02	649.44	52.37	730.72	59.51	819.70				
			12.70	205.97														
					12.70	222.13												
					12.70	238.28												
348.11					12.70	254.44												
370.22					12.70	270.50												
427.09					12.70	286.75												