

# P.S. Steel

Deals in:

**Stainless Steel Pipe and Pipe Fittings in Grades 304, 316, and 202 Flange Tee Socket, Elbow, Reducer Short Coller and long Coller, etc.**

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**P.S. STEEL**  
THINK OF STEEL, THINK OF US!

**PS PS Steel**  
Think Stainless Steel!

**STAINLESS STEEL PIPE**

SS Pipe	MS Pipe
Seamless Pipe	ERW Pipe
Jindal Pipe	Electropolished Pipe

Www.PsSteel.co.in

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The advertisement features a background image of a large industrial warehouse filled with stacks of stainless steel pipes and fittings. The pipes are organized in neat rows on metal shelving units. The lighting is bright, highlighting the metallic surfaces of the steel.



## SS INDUSTRIAL PIPE

Step-by-Step Guide to the  
Manufacturing Process

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## ANSI B36.19 Stainless Steel Pipe Dimension in Mm & Weight Per Kg.

Nominal Pipe Size		Outside Diameter	Schedule 5 S		Schedule 10 S		Schedule 20 S		Schedule 40 S		Schedule 80 S		Schedule 160 S		XXS	
mm	inch	mm	WT mm	WEIGHT (KGM)	WT mm	WEIGHT (KGM)	WT mm	WEIGHT (KGM)	WT mm	WEIGHT (KGM)	WT mm	WEIGHT (KGM)	WT mm	WEIGHT (KGM)	WT mm	WEIGHT (KGM)
3	1/8	10.3	1.2	0.20	1.24	0.28	1.5	0.33	1.73	0.37	2.41	0.47	-	-	-	-
6	1/4	13.7	1.2	0.37	1.65	0.49	2.00	0.58	2.24	0.630	3.02	0.80	-	-	-	-
10	3/8	17.1	1.2	0.47	1.65	0.63	2.00	0.74	2.31	0.840	3.20	1.10	-	-	-	-
15	1/2	21.3	1.65	0.80	2.11	1.00	2.30	1.07	2.77	1.27	3.73	1.62	4.75	1.94	7.47	2.55
20	3/4	26.7	1.65	1.03	2.11	1.28	2.55	1.52	2.87	1.69	3.91	2.20	5.56	2.90	7.82	3.64
25	1	33.4	1.65	1.30	2.77	2.09	2.55	1.94	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	3.00	2.90	3.56	3.39	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	3.00	3.55	3.68	4.05	5.08	5.41	7.14	7.25	11.1	10.18
50	2	60.3	1.65	2.40	2.77	3.93	3.00	4.24	3.91	5.44	5.54	7.48	8.74	11.11	11.07	13.44
65	2.1/2	73.0	2.11	3.69	3.05	5.26	4.00	6.81	5.16	8.63	7.01	11.41	9.53	14.91	14.02	20.39
80	3	88.9	2.11	4.51	3.05	6.45	4.00	8.37	5.49	11.29	7.62	15.27	11.1	21.30	15.24	27.68
100	4	114.3	2.11	5.84	3.05	8.36	4.50	12.18	6.02	16.07	8.56	22.32	13.49	33.54	17.12	41.03
125	5	141.3	2.77	9.47	3.40	11.57	5.00	16.80	6.55	21.8	9.53	30.97	15.88	49.11	19.05	57.43
150	6	168.3	2.77	11.32	3.40	13.84	6.35	25.36	7.11	28.26	10.97	42.56	18.25	67.53	21.95	79.22
200	8	219.1	2.77	14.79	3.76	19.96	6.35	33.31	8.18	42.55	12.7	64.64	23.01	111.27	22.23	107.92
250	10	273.1	3.40	22.63	4.19	27.78	6.35	41.77	9.27	60.31	12.7	96.01	28.58	172.33	25.40	155.15
300	12	323.8	3.96	31.25	4.57	36.00	6.35	49.7	9.53	73.88	12.7	132.05	33.32	238.76	25.40	186.97
350	14	355.6	3.96	34.36	4.78	41.3	7.92	67.80	11.13	94.59						
400	16	406.4	4.19	41.56	4.78	47.29	7.92	77.83	12.7	123.30						
450	18	457.2	4.19	46.81	4.78	53.26	7.92	87.71	14.27	155.80						
500	20	508.0	4.78	59.25	5.54	68.61	9.53	117.14	15.09	183.42						
600	24	610.0s	5.54s	82.47	6.35	94.45	9.53	141.12	17.48	255.41						

ASTM A 312 TP 304  
 ASTM A 312 TP 316L  
 ASTM A 312 TP 317L

Ansi B36.10 Carbon Steel Seamless Pipe Weight Per Kg/mtr  
 Astm Pipe Schedule - Wall = Wall Thickness Millimeter - Wt -  
 Weights in Kg. / Mtr.

Nominal Pipe Size		O/D	Schedule 10		Schedule 20		Schedule 30		Schedule STD		Schedule 40		Schedule 60		Schedule Extra Strong (XS)		Schedule 80		Schedule 100		Schedule 120		Schedule 140		Schedule 160		Schedule Double Extra Strong		
m	inch	Mm	m	Kg/m	m	Kg/m	m	Kg/m	Wa	wt.	Wall	wt.	Wall	wt.	Wall	wt.	Wall	wt.	Wa	wt.	Wall	wt.	Wall	wt.	Wall	wt.	Wall	wt.	
23	1/8	10.3							1.73	0.37	1.73	0.37			2.41	0.47	2.41	0.47											
6	1/4	13.7							2.24	0.63	2.24	0.63			3.02	0.80	3.02	0.80											
10	3/8	17.1							2.31	0.84	2.31	0.84			3.20	1.10	3.20	1.10											
15	1/2	21.3							2.77	1.27	2.77	1.27			3.73	1.62	3.73	1.62							4.78	1.95	7.5	2.55	
20	3/4	26.7							2.87	1.69	2.87	1.69			3.91	2.20	3.91	2.20							5.6	2.90	7.82	3.64	
25	1	33.4							3.38	2.50	3.38	2.50			4.55	3.24	4.55	3.24							6.4	4.24	9.0	5.45	
32	1.1/4	42.2							3.56	3.39	3.56	3.39			4.85	4.47	4.85	4.47							6.4	5.61	9.7	7.77	
40	1.1/2	48.3							3.68	4.05	3.68	4.05			5.08	5.41	5.08	5.41							7.14	7.25	10.2	9.56	
50	2	60.3							3.9	5.44	3.9	5.44			5.5	7.48	5.5	7.48							8.7	11.11	11.1	13.4	
65	2.1/2	73/0							5.16	8.63	5.16	8.63			7.0	11.41	7.0	11.41							9.5	14.92	14.0	20.4	
80	3	88.9							5.5	11.3	5.5	11.3			7.62	15.3	7.14	15.3							11.13	21.35	15.24	27.7	
90	3.1/2	101.6							5.74	13.57	5.74	13.57			8.08	18.63	8.08	18.63									16.2	34.1	
100	4	114.3							6.02	16.07	6.02	16.07			8.56	22.3	8.56	22.3	11.13	11.13	28.32				13.5	33.5	17.12	41.03	
125	5	141.3							6.55	21.77	6.55	21.77			9.53	30.9	9.53	30.9	12.7	12.7	40.2				15.9	49.11	19.0	57.4	
150	6	168.3							7.11	28.26	7.11	28.26			10.97	42.5	10.9	42.5	14.3	14.3	54.2				18.3	67.5	21.95	79.22	

200	8	219.1			6.35	33.3	7.0	36.8	8.2	42.5	8.2	42.5	10.3	53.1	12.7	64.6	12.7	64.5	15.1	75.92	18.3	90.4	20.6	100.9	23.0	111.27	22.23	108.0	
250	10	273.0			6.35	41.7	7.8	51.3	9.27	60.3	9.27	60.3	12.7	81.5	12.7	81.5	15.1	96.0	18.3	114.7	21.44	133.0	25.4	155	28.6	172.3	25.4	155.0	
300	12	323.8			6.35	49.7	8.4	65.2	9.53	73.8	10.3	79.7	14.3	109.0	12.7	97.4	17.4	132.0	21.4	160.0	25.4	187.0	28.6	208	33.3	238.7	25.4	187.0	
350	14	355.6	6.35	54.6	7.92	68.1	9.53	81.3	9.53	81.3	11.13	94.6	15.1	126.4	12.7	107.0	19.0	158.0	23.8	195.0	27.8	224.0	31.8	253.5	36.7	281			
400	16	406.4	6.35	62.6	7.92	77.9	9.5	93.3	9.53	93.3	12.7	123.0	16.7	160.0	12.7	123.0	21.44	203.0	26.2	245.0	30.9	286.0	36.53	333	40.5	366.0			
450	18	457.2	6.35	70.5	7.92	87.7	11.1	122.0	9.53	105.0	14.3	156.0	19.0c	206.0	12.7	130.0	23.8	254.0	21.4	310.0	34.0	363.0	39.7	408.3	45.2	459.0			
500	20	508.0	6.35	78.5	9.53	117.2	12.7	155.1	9.53	117.2	15.1	183.0	20.6	248.0	12.7	155.1	26.2	311.0	32.5	381.0	38.1	441.0	44.4	508	50.0	564.0			
550	22	558.8	6.35	86.4	9.53	129.0	12.7	171.0	9.53	129.0			22.2	294.0	12.7	171.0	28.6	373.0	34.0	451.0	41.3	526.0	47.6	600	54.0	672.0			
600	24	600.5	6.35	94.5	9.53	141.0	14.3	210.0	9.53	141.0	17.4	255.0	24.5	355.0	12.87	187.0	30.9	442.0	38.8	547.7	46.0	640.0	52.4	720	59.5	808.0			
650	26	660.4	7.92	127.0	12.7	203.0			9.53	153.0				202	12.7														
700	28	711.0	7.92	137.4	12.7	218.0	15.8	292.0	9.53	165.0				218	12.7														
750	30	762.0	7.92	147.0	12.7	234.0	15.8	292.0	9.53	176.0				234	12.7														
800	32	812.8	7.92	157.0	12.7	250.0	15.8	312.0	9.53	188.0		364.9		251	12.7														
850	34	863.6	7.92	167.0	12.7	282.0	15.8	351.0	9.53	200.0	17.5	420.4		266	12.7														
900	36	914.4	7.92	176.6	12.7	282.0	15.8	352.0	9.53	212.0	19.1			282	12.7														

A 106 Gr B

API - 5L - Gr B

A 33 Gr 6

A 335 P 5

## SS Pipe Pdf

<b>Stainless Steel Pipe</b>	<b>Description</b>
Material	Stainless Steel
Grades	304, 304L, 316, 316L, 321, 310, 347, 2205, 2507, and more
Size Range (OD)	0.25 inches to 48 inches (6.35 mm to 1219.2 mm)
Wall Thickness Range	0.035 inches to 2.5 inches (0.89 mm to 63.5 mm)
Length	Customizable, typically 20 feet (6.096 meters) or 40 feet (12.192 meters)
Types	Seamless, Welded, ERW, EFW, SAW, LSAW, HSAW
Surface Finish	Annealed and Pickled, Polished, Bright Annealed, Mill Finish
End Types	Plain End, Beveled End, Threaded, Coupled, Grooved
Standards	ASTM A312, ASTM A358, ASTM A269, ASTM A213, ASTM A376, ASTM A511, ASTM A789, ASTM A790, DIN, JIS, EN, etc.
Applications	Industrial, Plumbing, Construction, Automotive, Aerospace, Food and Beverage, Chemical Processing, Oil and Gas, Marine, HVAC, and more