

SPECIFICATIONS — Steel Pipe , Fitting & Flange

Linepipe

Specification	ASTM A53/A53M ASME B36.10M	Coating	Black Painted
	ASTM A106 ASME B36.10M		Galvanized
Product	Seamless Steel Pipe for High	Pipe End	Beveled End
	and Low Temperature and Pressure		
Grades	Gr. B		

A106 PIPE

ASTM A106 Seamless Pressure Pipe (also known as ASME SA106 pipe) is commonly used in the construction of oil and gas refineries, power plants, petrochemical plants, boilers, and ships where the piping must transport fluids and gases that exhibit higher temperatures and pressure levels.

CHEW Pipe & Fitting stocks a full range of A106 pipe (SA106 Pipe) in:

- Grades B
- NPS ¼" to 30" diameter
- Schedules 40 through 160, STD, XS and XXS

A53 PIPE

ASTM A53 pipe (also referred to as ASME SA53 pipe) is intended for mechanical and pressure applications and is also acceptable for ordinary uses in steam, water, gas and air lines. It is suitable for welding and for forming operations involving coiling, bending, and flanging, subject to certain qualifications.

American Piping Products stocks a full range of A53 pipe (SA53 Pipe) in:

- Grade B
- NPS ¼" to 30" diameter
- Schedules 40 through 160, STD, XS and XXS



SPECIFICATIONS — Steel Pipe , Fitting & Flange

Linepipe Thickness and Weight

Nominal Size		OD (mm)	Sch 40		Sch 80		Sch 160	
DN	NPS		thickness	weight/mtr	thickness	weight/mtr	thickness	weight/mtr
15	1/2	21.3	2.77	1.27	3.73	1.62	4.78	1.95
20	3/4	26.7	2.87	1.69	3.91	2.20	5.56	2.90
25	1	33.4	3.38	2.50	4.55	3.24	6.35	4.24
32	1-1/4	42.2	3.56	3.39	4.85	4.47	6.35	5.61
40	1-1/2	48.3	3.68	4.05	5.08	5.41	7.14	7.25
50	2	60.3	3.91	5.44	5.54	7.48	8.74	11.11
65	2-1/2	73	5.16	8.63	7.01	11.41	9.53	14.92
80	3	88.9	5.49	11.29	7.62	15.27	11.13	21.35
100	4	114.3	6.02	16.07	8.56	22.32	13.49	33.54
125	5	141.3	6.55	21.77	9.53	30.97	15.88	49.11
150	6	168.3	7.11	28.26	10.97	42.56	18.26	67.56
200	8	219.1	8.18	42.55	12.70	64.64	23.01	111.27
250	10	273	9.27	60.31	15.09	96.01	28.58	172.33
300	12	323.8	10.31	79.73	17.48	132.08	33.32	238.76
350	14	355.6	11.13	94.55	19.05	158.10	35.71	281.70
400	16	406.4	12.70	123.30	21.44	203.53	40.49	365.35
450	18	457	14.27	155.80	23.83	254.55	45.24	459.37
500	20	508	15.09	183.42	26.19	311.17	50.01	564.81
550	22	559			28.58	373.83	53.98	672.26
600	24	610	17.48	255.41	30.96	442.08	59.54	808.22

Note: 1. All weight are theoretical and approximate



CHEW® PIPE, FITTING AND VALVE

SPECIFICATIONS — Steel Pipe , Fitting & Flange

Linepipe Thickness and Weight

Nominal Size		OD (mm)	Sch Std		Sch XS		Sch XXS	
DN	NPS		thickness	weight/mtr	thickness	weight/mtr	thickness	weight/mtr
15	1/2	21.3	2.77	1.27	3.73	1.62	7.47	2.55
20	3/4	26.7	2.87	1.69	3.91	2.20	7.82	3.64
25	1	33.4	3.38	2.50	4.55	3.24	9.09	5.45
32	1-1/4	42.2	3.56	3.39	4.85	4.47	9.70	7.77
40	1-1/2	48.3	3.68	4.05	5.08	5.41	10.15	9.56
50	2	60.3	3.91	5.44	5.54	7.48	11.02	13.44
65	2-1/2	73	5.16	8.63	7.01	11.41	14.02	20.39
80	3	88.9	5.49	11.29	7.62	15.27	15.24	27.68
100	4	114.3	6.02	16.07	8.56	22.32	17.12	41.03
125	5	141.3	6.55	21.77	9.53	30.97	19.05	57.43
150	6	168.3	7.11	28.26	10.97	42.56	21.95	79.22
200	8	219.1	8.18	42.55	12.70	64.64	22.23	107.92
250	10	273	9.27	60.31	12.70	81.55	25.40	155.15
300	12	323.8	9.53	73.88	12.70	97.46	25.40	186.97
350	14	355.6	9.53	81.33	12.70	107.39		
400	16	406.4	9.53	93.27	12.70	123.30		
450	18	457	9.53	105.16	12.70	139.15		
500	20	508	9.53	117.15	12.70	155.12		
550	22	559	9.53	129.13	12.70	171.09		
600	24	610	9.53	141.12	12.70	187.06		

Note: 1. All weight are theoretical and approximate



CHEW® PIPE, FITTING AND VALVE

SPECIFICATIONS — Steel Pipe , Fitting & Flange

Standard Pipe

Specification BS1387:1985

Product Welded Steel Pipe for ordinary conveyance of gas, air, water

Grade Black Finish and Galvanized Coat

BS 1387:1985 is ERW steel tube specification with Light, Medium & Heavy series. It is suitable for water lines (cold & hot), firefighting pipeline, HVAC lines. And tubes can be also supplied threaded according to BS 21.

Standard Pipe Thickness and Weight

Nominal Size		OD (mm)	LIGHT DUTY		MEDIUM DUTY		HEAVY DUTY	
DN	NPS		thickness	weight/mtr	thickness	weight/mtr	thickness	weight/mtr
15	1/2	21.3	2.0	0.9	2.6	1.2	3.2	1.4
20	3/4	26.7	2.3	1.4	2.6	1.6	3.2	1.9
25	1	33.4	2.6	2.0	3.2	2.4	4.0	2.9
32	1-1/4	42.2	2.6	2.5	3.2	3.1	4.0	3.8
40	1-1/2	48.3	2.9	3.2	3.2	3.6	4.0	4.4
50	2	60.3	3.6	4.1	3.6	5.0	4.5	6.2
65	2-1/2	73	3.2	5.7	3.6	6.4	4.5	7.9
80	3	88.9	3.2	6.7	4.0	8.4	5.0	10.3
100	4	114.3	3.6	9.8	4.5	12.2	5.4	14.5
125	5	141.3			5.0	16.6	5.4	17.9
150	6	168.3			5.0	19.7	5.4	21.3

