

ANSI B36.10
seamless
pipe sizes



WEIGHTS/MASS AND MEASUREMENTS, OF SIZES TO ANSI B36.10

N.B.	N.B.	O.D.	WALL	mass	Identification	
					STD	Schedule
in	mm	mm	mm	kg/m	XS;XXS	number
1/8	6	10,3	1,7	0,357	STD	40
1/8	6	10,3	2,4	0,461	XS	80
1/4	8	13,7	2,2	0,625	STD	40
1/4	8	13,7	3,0	0,804	XS	80
3/8	10	17,1	2,3	0,848	STD	40
3/8	10	17,1	3,2	1,10	XS	80
1/2	15	21,3	2,8	1,26	STD	40
1/2	15	21,3	3,7	1,62	XS	80
1/2	15	21,3	4,8	1,05		160
1/2	15	21,3	7,5	2,55	XXS	
3/4	20	26,7	2,9	1,68	STD	40
3/4	20	26,7	3,9	2,19	XS	80
3/4	20	26,7	5,6	2,90		160
3/4	20	26,7	7,8	3,64	XXS	
1	25	33,4	3,4	2,50	STD	40
1	25	33,4	4,5	3,23	XS	80
1	25	33,4	6,4	4,23		160
1	25	33,4	9,1	5,45	XXS	
1 1/4	32	42,2	3,6	3,38	STD	40
1 1/4	32	42,2	4,9	4,46	XS	80
1 1/4	32	42,2	6,4	5,60		160
1 1/4	32	42,2	9,7	7,75	XXS	
1 1/2	40	48,3	3,7	4,05	STD	40
1 1/2	40	48,3	5,1	5,40	XS	80
1 1/2	40	48,3	7,1	7,23		160
1 1/2	40	48,3	10,2	9,54	XXS	
2	50	60,3	3,9	5,43	STD	40
2	50	60,3	5,5	7,47	XS	80
2	50	60,3	8,7	11,1		160
2	50	60,3	11,1	13,4	XXS	
2 1/2	65	73,0	5,2	8,62	STD	40
2 1/2	65	73,0	7,0	11,4	XS	80
2 1/2	65	73,0	9,5	14,9		160
2 1/2	65	73,0	14,0	20,4	XXS	
3	80	88,9	5,5	11,3	STD	40
3	80	88,9	7,6	15,3	XS	80
3	80	88,9	11,1	21,3		160
3	80	88,9	15,2	27,6	XXS	
3 1/2	90	101,6	5,7	13,6	STD	40
3 1/2	90	101,6	8,1	18,6	XS	80
4	100	114,3	6,0	16,1	STD	40
4	100	114,3	8,6	22,3	XS	80
4	100	114,3	11,1	28,2		120
4	100	114,3	13,5	33,5		160
4	100	114,3	17,1	41,0	XXS	

N.B.	N.B.	O.D.	WALL	mass	Identification	
					STD	Schedule
in	mm	mm	mm	kg/m	XS;XXS	number
5	125	141,3	6,6	21,8	STD	40
5	125	141,3	9,5	30,9	XS	80
5	125	141,3	12,7	40,2		120
5	125	141,3	15,9	49,0		160
5	125	141,3	19,0	57,4	XXS	
6	150	168,3	7,1	28,2	STD	40
6	150	168,3	11,0	42,5	XS	80
6	150	168,3	14,3	54,3		120
6	150	168,3	18,3	67,5		160
6	150	168,3	21,9	79,1	XXS	
8	200	219,1	6,4	33,3		20
8	200	219,1	7,0	36,6		30
8	200	219,1	8,2	42,5	STD	40
8	200	219,1	10,3	53,1		60
8	200	219,1	12,7	64,6	XS	80
8	200	219,1	15,1	75,8		100
8	200	219,1	18,3	90,3		120
8	200	219,1	20,6	101		140
8	200	219,1	22,2	108	XXS	
8	200	219,1	23,0	111		160
10	250	273,0	6,4	41,7		20
10	250	273,0	7,8	51,0		30
10	250	273,0	9,3	60,2	STD	40
10	250	273,0	12,7	81,5	XS	60
10	250	273,0	15,1	95,8		80
10	250	273,0	18,3	115		100
10	250	273,0	21,4	133		120
10	250	273,0	25,4	155	XXS	140
10	250	273,0	28,6	172		160
12	300	323,9	6,4	49,7		20
12	300	323,9	8,4	65,1		30
12	300	323,9	9,5	73,8	STD	
12	300	323,9	10,3	79,7		40
12	300	323,9	12,7	97,4	XS	
12	300	323,9	14,3	109		60
12	300	323,9	17,5	132		80
12	300	323,9	21,4	160		100
12	300	323,9	25,4	187	XXS	120
12	300	323,9	28,6	208		140
12	300	323,9	33,3	239		160
14	350	355,6	6,4	54,6		10
14	350	355,6	7,9	68,0		20
14	350	355,6	9,5	81,2	STD	30
14	350	355,6	11,1	94,3		40
14	350	355,6	12,7	107	XS	
14	350	355,6	15,1	127		60
14	350	355,6	19,0	158		80
14	350	355,6	23,8	195		100
14	350	355,6	27,8	224		120
14	350	355,6	31,8	253		140
14	350	355,6	35,7	281		160

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N.B.	N.B.	O.D.	WALL	mass	Identification	
					STD XS;XXS	Schedule number
16	400	406,4	6,4	62,6		10
16	400	406,4	7,9	77,9		20
16	400	406,4	9,5	93,1	STD	30
16	400	406,4	12,7	123	XS	40
16	400	406,4	16,7	160		60
16	400	406,4	21,4	203		80
16	400	406,4	26,2	245		100
16	400	406,4	31,0	286		120
16	400	406,4	36,5	333		140
16	400	406,4	40,5	365		160
18	450	457,0	6,4	70,5		10
18	450	457,0	7,9	87,8		20
18	450	457,0	9,5	105	STD	
18	450	457,0	11,1	122		30
18	450	457,0	12,7	139	XS	
18	450	457,0	14,3	156		40
18	450	457,0	19,0	206		60
18	450	457,0	23,8	254		80
18	450	457,0	29,4	310		100
18	450	457,0	34,9	363		120
18	450	457,0	39,7	408		140
18	450	457,0	45,2	459		160
20	500	508,0	6,4	78,5		10
20	500	508,0	9,5	117	STD	20
20	500	508,0	12,7	155	XS	30
20	500	508,0	15,1	183		40
20	500	508,0	20,6	248		60
20	500	508,0	26,2	311		80
20	500	508,0	32,5	381		100
20	500	508,0	38,1	441		120
20	500	508,0	44,4	508		140
20	500	508,0	50,0	564		160
22	550	559,0	6,4	86,4		10
22	550	559,0	9,5	129	STD	20
22	550	559,0	12,7	171	XS	30
22	550	559,0	22,2	294		60
22	550	559,0	28,6	373		80
22	550	559,0	34,9	451		100
22	550	559,0	41,3	526		120
22	550	559,0	47,6	600		140
22	550	559,0	54,0	671		160
24	600	610,0	6,4	94,4		10
24	600	610,0	9,5	141	STD	20
24	600	610,0	12,7	187	XS	
24	600	610,0	14,3	210		30
24	600	610,0	17,5	255		40
24	600	610,0	24,6	355		60
24	600	610,0	31,0	441		80
24	600	610,0	38,9	547		100
24	600	610,0	46,0	639		120
24	600	610,0	52,4	719		140
24	600	610,0	59,5	807		160

N.B.	N.B.	O.D.	WALL	mass	Identification	
					STD XS;XXS	Schedule number
26	650	660,0	7,9	128		10
26	650	660,0	9,5	153	STD	
26	650	660,0	12,7	203	XS	20
28	700	711,0	7,9	138		10
28	700	711,0	9,5	165	STD	
28	700	711,0	12,7	219	XS	20
28	700	711,0	15,9	272		30
30	750	762,0	7,9	147		10
30	750	762,0	9,5	176	STD	
30	750	762,0	12,7	234	XS	20
30	750	762,0	15,9	292		30
32	800	813,0	7,9	157		10
32	800	813,0	9,5	188	STD	
32	800	813,0	12,7	250	XS	20
32	800	813,0	15,9	312		30
32	800	813,0	17,5	342		40
34	850	864,0	7,9	167		10
34	850	864,0	9,5	200	STD	
34	850	864,0	12,7	266	XS	20
34	850	864,0	15,9	332		30
34	850	864,0	17,5	364		40
36	900	914,0	7,9	177		10
36	900	914,0	9,5	212	STD	
36	900	914,0	12,7	282	XS	20
36	900	914,0	15,9	351		30
36	900	914,0	19,0	420		40



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DELIVERY PROGRAMME

	TYPE MATERIAL	SCORE APPLICATION	DIMENSIONAL CONFORMITY
PIPES			
SABS/SANS 719	Welded	Low pressure application for Water & Mining Industries	As per spec
SABS/SANS 62	Welded	Low pressure application for Water, General & Irrigation	As per spec
API 5L	Seamless or Welded	For conveyance of Gas, Oil and Water in Mining & Petroleum Industries	ASME/ANSI B36.10
ASTM/ASME A/SA 106	Seamless	Used as Boiler & Fluid transportation in Mining, Petroleum & Natural Gas	ASME/ANSI B36.10
ASTM/ASME A/SA 333	Seamless	Low temperature for conveyance in Petroleum, Gas & Natural Gas	ASME/ANSI B36.10
ASTM/ASME A/SA 335	Seamless	High temperature for conveyance in Petroleum, Gas & Natural Gas	ASME/ANSI B36.10
ASTM/ASME A/SA 179	Seamless	Cold drawn, Low carbon tubes for Heat Exchangers and other Heat transfer apparatus	To be specified
ASTM/ASME A/SA 53	Seamless or Welded	Fluid conveyance in Petroleum, Gas and other industries	ASME/ANSI B36.10
FITTINGS			
ASTM/ASME A/SA 234	Seamless or Welded	Medium to High temp buttwelded forged fittings for conveyance in Gas, Petroleum & Natural Gas applications	ASME/ANSI B16.9
ASTM/ASME A/SA 420	Seamless or Welded	Low temp buttwelded forged fittings for conveyance in Gas, Petroleum & Natural Gas applications	ASME/ANSI B16.9
SABS/SANS 14/I6049	Cast	Malleable cast iron fittings (Screwed) for Water, Gas, Steam & Air	As per spec
SABS/SANS 62	Welded	Screwed Low pressure fittings for Water, Irrigation & general applications	As per spec
ASTM/ASME A/SA 105	Forged	Medium to High temp service applications in Water, Gas, Petroleum & Mining sectors	ASME/ANSI B16.11
BS 1740	Wrought Steel	Screwed fittings for Water, Gas, Steam or Air Services	As per spec
HOT INDUCTION BENDS	Seamless or Welded	As per requirements	ASME/ANSI B16.49
ASTM/ASME A/SA 182	Forged	High temp service applications for Water, Gas & Petroleum services	ASME/ANSI B16.11
ASTM/ASME A/SA 350	Forged	Low temperature fittings for conveyance in Gas, Petroleum & Natural Gas services	ASME/ANSI B16.11
SPECIAL FABRICATED FITTINGS	As per spec/drawing	As specified	As specified
FLANGES			
ASTM/ASME A/SA 105 (A,B OR C)*	Forged	Medium to High temp service application in Water, Gas, Petroleum & Mining	ASME/ANSI B16.5
ASTM/ASME A/SA 350 (A,B OR C)*	Forged	Low temp service application in Gas, Petroleum & Natural Gas services	ASME/ANSI B16.5
ASTM/ASME A/SA 182 (A,B OR C)*	Forged	High temp service applications in Water, Gas & Fuel services	ASME/ANSI B16.5
SABS/SANS 1123	Plate	Plate flanges for Commercial & low pressure applications in Water & Mining	As per spec
BS 10	Plate	Plate flanges for Commercial & low pressure applications in Water & Mining	As per spec
BS 4504	Plate or Forged	Medium temp service application in Water, Power, Mining & General services	As per spec

*A - Flanges WPS 26 - WPS 60

*B - Orifice Flanges

*C - Line Blanks

ASME/ANSI B16.47

ASME/ANSI B16.36

ASME/ANSI B16.48

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