



WELDED PIPE TO SABS/SANS 62 PART 1

CLASS - MEDIUM					
PIPE SIZE N.B. mm	OUTSIDE DIAMETER max/mm	OUTSIDE DIAMETER min/mm	WALL THICKNESS min/mm	MASS UNCPE kg/m	MASS Black Screwed & Socketed kg/m
15	21,7	21,1	2,3	1,085	1,096
20	27,2	26,6	2,3	1,401	1,414
25	34,2	33,4	2,8	2,164	2,188
32	42,9	42,1	2,8	2,767	2,799
40	48,8	48,0	2,8	3,151	3,190
50	60,8	59,8	3,2	4,509	4,567
65	76,6	75,4	3,2	5,762	5,845
80	89,5	88,1	3,5	7,372	7,472
100	114,9	113,3	3,9	10,620	10,820
125	140,6	138,7	4,2	14,037	14,304
150	166,1	164,1	4,2	16,668	17,110

CLASS - HEAVY					
PIPE SIZE N.B. mm	OUTSIDE DIAMETER max/mm	OUTSIDE DIAMETER min/mm	WALL THICKNESS min/mm	MASS UNCPE kg/m	MASS Black Screwed & Socketed kg/m
15	21,7	21,1	2,8	1,287	1,297
20	27,2	26,6	2,8	1,671	1,684
25	34,2	33,4	3,5	2,644	2,668
32	42,9	42,1	3,5	3,398	3,439
40	48,8	48,0	3,5	3,878	3,917
50	60,8	59,8	3,9	5,428	5,486
65	76,6	75,4	3,9	6,955	7,038
80	89,5	88,1	4,2	8,774	8,874
100	114,9	113,3	4,7	12,705	12,905
125	140,6	138,7	4,7	15,650	15,917
150	166,1	164,1	4,7	18,594	19,036

Standard Lengths - 6 metres
(Minus 0mm Plus 10mm)

Borehole Exacts - 3 metres
(Minus 0mm Plus 3mm)

Equivalent Specifications - ASTM A53 (Grade A)
- DIN 2440 and DIN 2441
- BS 1387

Screwed Threads - Screwed Pipes are taper threaded with the threading conforming to ISO-7/1-1982 equivalent to SABS 1109 -1990 and BS 21-1985)

SABS 62 Colour Codes - Pipes are marked with two bands on one end
- Light Pipe = Brown Bands
- Medium Pipe = Blue Bands
- Heavy Pipe = Red Bands (alternatively whole pipe painted red)

The efficiency of taper/parallel screwed joints is highly dependent on the degree of care taken in assembly and jointing compound used.

Light pipes are not recommended for steam, air or gas services.

Reference to steam service applies to saturated steam only.

WELDED PIPE TO SABS/SANS 1182

PIPE SIZE NOMINAL BORE mm	OUTSIDE DIAMETER max/mm	WALL THICKNESS mm	MASS kg/m
15	21,4	1,8	0,870
20	26,9	2,1	1,284
25	33,8	2,4	1,858
32	42,5	2,4	2,373
40	48,4	2,6	2,937
50	60,2	2,6	3,693
65	76,0	3,0	5,401
80	88,7	3,0	6,340
100	113,9	3,3	9,034
125	139,7	3,5	11,762
150	165,1	3,5	13,949

Tosa flared and threaded pipe

A new addition to the range of steel water pipe which is internally flared and threaded at one end and externally threaded at the other end. It is ideally suited for use in small diameter pressurised water reticulation systems in the fire protection and air conditioning markets.

Available in medium wall sizes of 15mm, 20mm, 25mm, 32mm, 40mm and 50mm NB
Please contact our sales personnel for further information.



WELDED PIPE TO SABS 719 - GRADE B



MASS kg/m						
NOMINAL BORE mm	OUTSIDE DIAMETER mm	WALL THICKNESS mm				
		4,5	6,0	8,0	10,0	12,0
200	219,1	23,81	31,52	41,63	51,55	64,6
250	273,1	29,8	39,51	52,29	64,81	81,5
300	323,9	35,46	47,06	62,35	77,45	97,5
350	355,6	39,01	51,8	68,67	85,34	108,0
400	406,4	44,56	59,2	78,53	97,67	123,0
450	457,2	50,22	66,74	88,6	110,25	139,0
500	508,0	55,88	74,29	98,66	122,83	155,0
*550	559,0	64,4	81,84	108,72	142,0	172,0
600	609,6	67,21	89,39	118,79	147,99	186,0
*650	660,0	76,1	101,0	134,0	168,0	203,0
700	711,0	78,42	104,33	138,72	172,9	219,0
*750	762,0	-	111,88	148,78	185,48	235,0
800	813,0	-	119,43	158,84	198,06	250,0
*850	864,0	-	133,0	176,0	220,0	266,0
900	914,0	-	134,37	178,77	222,97	282,0
*950	965,0	-	149,0	198,0	247,0	296,0
1000	1016,0	-	149,47	198,9	248,13	315,0

Standard Lengths 9,144 and 12,192 metres 6,1 metre lengths on request.

*Non Preferred Pipe Size

Notes

1. Steel grade used ensures good galvanisability by limiting the silicon and phosphorus content of the steel.
2. Improved longevity of the pipe due to controlled sulphur and phosphorus levels that reduces the impurities in the heat affected zone.
3. Limiting the carbon and manganese content ensures good weldability of the steel.
4. For approximate mass of the galvanised pipe add 6.5% for light pipe, 5.75% for medium pipe and 5% for heavy pipe.
5. Pipes manufactured to SABS/SANS 62, 719 and 1182 are tested for leak tightness in accordance to the specification.
6. SABS/SANS 719 pipe is internally scarfed.
7. SABS/SANS 62 and 1182 can be supplied internally scarfed on application for sizes 50NB and larger and where the D/t ratio is smaller than 45 and the thickness greater than 2.0mm.
8. Galvanising of pipe conforms to SABS/SANS EN 10240.
9. Pipe can be supplied uncoated plain ended, coated threaded and coupled, galvanised plain ended, galvanised threaded only and galvanised threaded and coupled.