

Tube Longitudinally Welded Conveyance Pipe



Robor's Tube division is the largest business unit within the company and is also the largest supplier of longitudinally welded steel tube in southern Africa. With a leading-edge manufacturing facility, use of the latest production and paint coating technology, and a world-class distribution centre, Tube delivers a range of quality products on time.

Table 1: SANS 62 Part 1

Class: Medium						Class: Heavy					
Pipe Size Nom. Bore	Outside Dia. Max./mm	Outside Dia. Min./mm	Wall Thick Min./mm	Mass Uncoated kg/m	Mass Black Screwed and Socketed kg/m	Pipe Size Nom. Bore	Outside Dia. Max./mm	Outside Dia. Min./mm	Wall Thick Min./mm	Mass kg/m	Mass Black Screwed and Socketed kg/m
15	21.7	21.1	2.3	1.085	1.096	15	21.7	21.1	2.8	1.287	1.297
20	27.2	26.6	2.3	1.401	1.414	20	27.2	26.6	2.8	1.671	1.684
25	34.2	33.4	2.8	2.164	2.188	25	34.2	33.4	3.5	2.644	2.668
32	42.9	42.1	2.8	2.767	2.799	32	42.9	42.1	3.5	3.398	3.439
40	48.8	48.0	2.8	3.151	3.190	40	48.8	48.0	3.5	3.878	3.917
50	60.8	59.8	3.2	4.509	4.567	50	60.8	59.8	3.9	5.428	5.486
65	76.6	75.4	3.2	5.762	5.845	65	76.6	75.4	3.9	6.955	7.038
80	89.5	88.1	3.5	7.372	7.472	80	89.5	88.1	4.2	8.774	8.874
100	114.9	113.3	3.9	10.620	10.820	100	114.9	113.3	4.7	12.705	12.905
125	140.6	138.7	4.2	14.037	14.304	125	140.6	138.7	4.7	15.650	15.917
150	166.1	164.1	4.2	16.668	17.110	150	166.1	164.1	4.7	18.594	19.036

Table 2: SANS 1182

Outside Dia. Max./mm	Pipe Size Nom. Bore	Wall Thick mm	Approx. Mass kg/m
21.4	15*	1.8	0.870
26.9	20*	2.1	1.284
33.8	25*	2.4	1.858
42.5	32*	2.4	2.373
48.4	40*	2.6	2.937
60.2	50*	2.6	3.693
76.1	-	2.0	3.660
76.0	65*	3.0	5.401
88.9	-	2.0	4.287
88.7	80*	3.0	6.340
114.3	-	2.0	5.540
114.3	-	3.2	8.768
113.9	-	3.3	9.034
139.7	100*	3.5	11.762
165.1	-	2.8	11.209
165.1	-	3.5	13.949
219.1	-	3.5	18.603

*Previously under SANS 62 Lights

SANS 62 Colour Codes

(2 Bands Painted On One End Of Pipe)



Table 3: SANS 719

Outside Dia. Max./mm	Pipe Size Nom. Bore	Wall Thick mm	Approx. Mass kg/m
219.1	200	4.5	23.81
219.1	200	6.0	31.52
273.1	250	4.5	29.80
273.1	250	6.0	39.51
323.9	300	4.5	35.46
323.9	300	6.0	47.06

TOSA

SABS

Reg. no. LS 0001



Notes

1. Steel grade used ensures good galvanizability by limiting silicon and phosphorus content of the steel.
2. Improved longevity of pipe due to controlled sulphur and phosphorus levels which reduce the impurities in the heat affected zone.
3. Limiting the carbon and manganese content ensures good weldability of the steel.
4. Pipes made in accordance with SANS 62 and SANS 719 are hard stamped with the Robor Tube logo and the pipe specification number.
5. Bar coded labels are securely attached to every bundle.
6. For approximate mass of galvanized pipe, add 6.5% for light pipe, 5.75% for medium pipe and 5% for heavy pipe.
7. Pipes manufactured to SANS 62, 719 and 1182 are tested for leak tightness in accordance with the specifications.
8. SANS 719 pipe is internally scarfed.
9. 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 is greater than 2.0mm.
10. Galvanizing of pipe conforms to SANS EN 10240.
11. Pipe can be supplied flared and threaded (15mm to 50mm) uncoated, plain ended, coated, threaded and coupled, galvanized plain ended, galvanized threaded only and galvanized threaded and coupled.

Bundle Configuration by Quantity		Sizes O/D	
Quantity: 91		15.8	26.9
		19.1	32.0
		21.4	34.1
		25.4	
Quantity: 61		38.1	
		42.8	
		48.5	
		50.8	
Quantity: 37		57.1	
		60.3	
		63.5	
		76.2	
Quantity: 19		88.9	
		95.0	
Quantity: 10		101.6	
		114.3	
Quantity: 7		127.0	168.3
		139.7	177.8
		152.4	193.7
		165.1	219.1

Greater than 219mm (200NB) sold as single