



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 Uncpce 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)

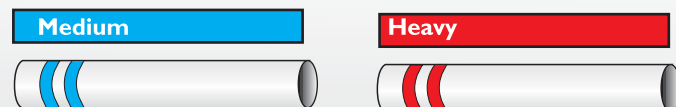


Table 3: SANS 719

| 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 |

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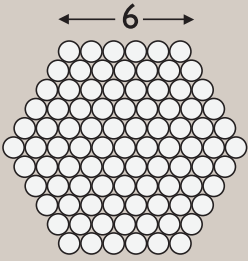
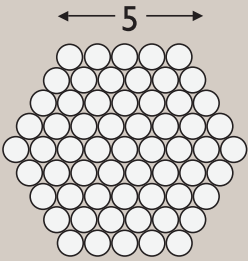
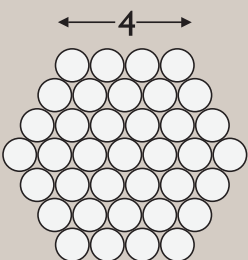
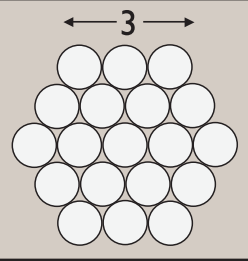
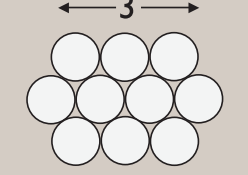
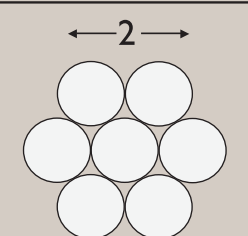
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Tube Longitudinally Welded Conveyance Pipe

Notes

- Steel grade used ensures good galvanizability by limiting silicon and phosphorus content of the steel.
- Improved longevity of pipe due to controlled sulphur and phosphorus levels which reduce the impurities in the heat affected zone.
- Limiting the carbon and manganese content ensures good weldability of the steel.
- Pipes made in accordance with SANS 62 and SANS 719 are hard stamped with the Robor Tube logo and the pipe specification number.
- Bar coded labels are securely attached to every bundle.
- For approximate mass of galvanized pipe, add 6.5% for light pipe, 5.75% for medium pipe and 5% for heavy pipe.
- Pipes manufactured to SANS 62, 719 and 1182 are tested for leak tightness in accordance with the specifications.
- SANS 719 pipe is internally scarfed.
- 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.
- Galvanizing of pipe conforms to SANS EN 10240.
- 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 19.1 21.4 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  | 127.0 139.7 152.4 165.1 | 168.3 177.8 193.7 219.1 |

Greater than 219mm (200NB) sold as single



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