

Pre-Painted Pipe
Blue Painted Structural Pipe

Standard : **AS 1163 C250 & 350**
 Thickness Tolerance : +/- 10%
 Length Tolerance : -0/ +50 mm
 Pipe End : Plain End

| Grade | (Min, Mpa) | | |
|-------|----------------|------------------|------------|
| | Yield Strength | Tensile Strength | Elongation |
| C250 | 250 | 320 | 18% |
| C350 | 350 | 430 | 16% |

| Shape | Nominal Size (mm) | Nominal Thickness (mm) | Weight (kg / m) |
|-------------|-------------------|------------------------|-----------------|
| Rectangular | 50 x 25 | 1.6 | 1.75 |
| | | 2.0 | 2.15 |
| | | 2.3 | 2.48 |
| | | 2.5 | 2.62 |
| | | 3.0 | 3.07 |
| | | 3.2 | 3.41 |
| | 75 x 38 | 1.6 | 2.70 |
| | | 1.9 | 3.22 |
| | | 2.0 | 3.37 |
| | | 2.3 | 3.86 |
| | | 2.5 | 4.16 |
| | | 3.0 | 4.91 |
| | | 3.2 | 5.17 |
| | | 4.0 | 6.24 |
| | 75 x 50 | 1.9 | 3.60 |
| | | 2.0 | 3.72 |
| | | 2.3 | 4.31 |
| | | 2.5 | 4.58 |
| | | 3.0 | 5.42 |
| | | 3.2 | 5.80 |
| | | 3.5 | 6.24 |
| | | 4.0 | 6.92 |
| | 100 x 50 | 1.9 | 4.36 |
| | | 2.0 | 4.50 |
| | | 2.3 | 5.23 |
| | | 2.5 | 5.56 |
| | | 3.0 | 6.60 |
| | | 3.2 | 7.07 |
| | | 3.5 | 7.53 |
| | | 4.0 | 8.49 |
| | 100 x 75 | 3.0 | 8.02 |
| | | 3.2 | 8.33 |
| | | 3.5 | 9.06 |
| | | 4.0 | 10.20 |
| | | 4.5 | 11.50 |
| | | 5.0 | 12.50 |
| | | 6.0 | 14.60 |
| | | 3.0 | 8.02 |
| | 125 x 50 | 3.2 | 8.33 |
| | | 3.5 | 9.06 |
| | | 4.0 | 10.20 |
| | | 4.5 | 11.50 |
| | | 5.0 | 12.50 |
| | | 6.0 | 14.60 |
| | 125 x 75 | 3.0 | 8.96 |
| | | 3.2 | 9.60 |
| | | 4.0 | 11.60 |
| | | 4.5 | 13.30 |
| 5.0 | | 14.20 | |
| 6.0 | | 16.70 | |
| 150 x 50 | 9.0 | 24.50 | |
| | 2.0 | 6.16 | |
| | 3.0 | 8.96 | |
| | 3.2 | 9.60 | |
| | 4.0 | 11.60 | |
| | 4.5 | 13.30 | |
| 150 x 75 | 5.0 | 14.20 | |
| | 6.0 | 17.30 | |
| | 3.2 | 10.90 | |
| | 4.0 | 13.40 | |
| | 4.5 | 15.10 | |
| | 5.0 | 16.50 | |
| 150 x 100 | 6.0 | 19.40 | |
| | 9.0 | 28.10 | |
| | 4.0 | 14.80 | |
| | 4.5 | 16.90 | |
| | 5.0 | 18.20 | |
| | 6.0 | 21.40 | |
| 200 x 100 | 9.0 | 30.60 | |
| | 4.0 | 17.90 | |
| | 4.5 | 20.50 | |
| | 5.0 | 22.10 | |
| | 6.0 | 26.20 | |
| | 9.0 | 37.70 | |

| Shape | Nominal Size (mm) | Nominal Thickness (mm) | Weight (kg / m) |
|-----------|-------------------|------------------------|-----------------|
| Square | 50 x 50 | 1.6 | 2.38 |
| | | 2.0 | 2.93 |
| | | 2.3 | 3.40 |
| | | 2.5 | 3.60 |
| | | 3.0 | 4.25 |
| | | 3.2 | 4.54 |
| | 65 x 65 | 4.0 | 5.35 |
| | | 4.5 | 6.11 |
| | | 2.0 | 3.88 |
| | 75 x 75 | 2.5 | 4.78 |
| | | 3.0 | 5.66 |
| | | 4.0 | 7.23 |
| | | 2.3 | 5.23 |
| | | 2.5 | 5.56 |
| | 89 x 89 | 3.0 | 6.60 |
| | | 3.2 | 7.07 |
| | | 3.5 | 7.53 |
| | | 4.0 | 8.49 |
| | | 4.5 | 9.70 |
| | | 5.0 | 10.30 |
| | 100 x 100 | 6.0 | 12.00 |
| | | 3.5 | 9.07 |
| | | 5.0 | 12.50 |
| | 125 x 125 | 6.0 | 14.70 |
| 3.0 | | 8.96 | |
| 3.2 | | 9.60 | |
| 4.0 | | 11.60 | |
| 4.5 | | 13.30 | |
| 5.0 | | 14.20 | |
| 150 x 150 | 6.0 | 16.70 | |
| | 9.0 | 23.50 | |
| | 4.0 | 14.80 | |
| | 4.5 | 16.90 | |
| 100 x 75 | 5.0 | 18.20 | |
| | 6.0 | 21.40 | |
| | 9.0 | 30.60 | |
| | 4.5 | 16.90 | |
| | 5.0 | 18.20 | |
| | 6.0 | 21.40 | |
| 125 x 75 | 9.0 | 30.60 | |
| | 4.5 | 20.50 | |
| | 5.0 | 22.10 | |
| | 6.0 | 26.20 | |
| | 9.0 | 37.70 | |



Address:
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Pre-Painted Pipe

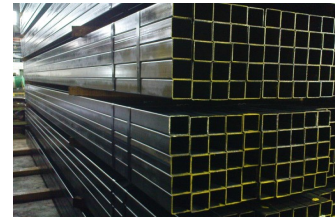
Lacquering Black pipe

Standard : ASTM A500 Grade A or B

Wall thickness: +/- 10%

Length tolerance: length ≤ 22ft (6.7m) : + ½ in (12.7mm) / - ¼ in (6.4mm)

22ft (6.7m) ≤ length ≤ 44ft (13.4m) : + ¾ in (19.0mm) / - ¼ in (6.4mm)



SQUARE

| Dimensions | | | |
|--------------|----------------|-------------------|-------|
| Nominal Size | Wall Thickness | Calculated Weight | |
| in. | in. | Ib/ft | kg/ft |
| 1 ½ x 1 ½ | 0.095 | 1.79 | 0.81 |
| | 0.120 | 2.21 | 1.00 |
| 2 x 2 | 0.095 | 2.38 | 1.10 |
| | 0.120 | 3.02 | 1.37 |
| | 0.180 | 4.18 | 1.89 |
| | 0.188 | 4.33 | 1.96 |
| 2 ½ x 2 ½ | 0.095 | 3.02 | 1.37 |
| | 0.120 | 3.76 | 1.70 |
| | 0.180 | 5.40 | 2.45 |
| | 0.188 | 5.59 | 2.53 |
| 3 x 3 | 0.095 | 3.68 | 1.67 |
| | 0.120 | 4.57 | 2.07 |
| | 0.180 | 6.63 | 3.01 |
| | 0.188 | 6.89 | 3.11 |
| | 0.250 | 8.81 | 4.00 |
| 3 ½ x 3 ½ | 0.120 | 5.39 | 2.44 |
| | 0.180 | 7.85 | 3.56 |
| | 0.188 | 8.17 | 3.69 |
| | 0.250 | 10.50 | 4.76 |
| 4 x 4 | 0.120 | 6.21 | 2.81 |
| | 0.180 | 9.08 | 4.12 |
| | 0.188 | 9.45 | 4.27 |
| | 0.250 | 12.20 | 5.53 |
| | 0.313 | 14.80 | 6.72 |
| 5 x 5 | 0.120 | 7.83 | 3.56 |
| | 0.180 | 11.53 | 5.23 |
| | 0.188 | 12.00 | 5.43 |
| | 0.250 | 15.60 | 7.08 |
| | 0.313 | 19.10 | 8.65 |
| 6 x 6 | 0.188 | 14.56 | 6.60 |
| | 0.250 | 19.02 | 8.62 |
| | 0.313 | 23.37 | 10.60 |

RECTANGULAR

| Dimensions | | | |
|--------------|----------------|-------------------|-------|
| Nominal Size | Wall Thickness | Calculated Weight | |
| in. | in. | Ib/ft | kg/ft |
| 3 x 2 | 0.095 | 3.02 | 1.37 |
| | 0.120 | 3.76 | 1.70 |
| | 0.180 | 5.40 | 2.45 |
| | 0.188 | 5.59 | 2.53 |
| 4 x 2 | 0.095 | 3.68 | 1.67 |
| | 0.120 | 4.57 | 2.07 |
| | 0.180 | 6.63 | 3.01 |
| | 0.188 | 6.89 | 3.11 |
| 5 x 2 | 0.250 | 8.81 | 4.00 |
| | 0.120 | 5.39 | 2.44 |
| | 0.180 | 7.85 | 3.56 |
| | 0.188 | 8.17 | 3.69 |
| 6 x 2 | 0.250 | 10.50 | 4.76 |
| | 0.120 | 6.21 | 2.81 |
| | 0.180 | 9.08 | 4.12 |
| | 0.188 | 9.45 | 4.27 |
| 4 x 3 | 0.250 | 12.20 | 5.53 |
| | 0.313 | 14.80 | 6.72 |
| | 0.120 | 5.39 | 2.44 |
| | 0.180 | 7.85 | 3.56 |
| 5 x 3 | 0.188 | 8.17 | 3.69 |
| | 0.250 | 10.50 | 4.76 |
| | 0.120 | 6.21 | 2.81 |
| | 0.180 | 9.08 | 4.12 |
| 6 x 3 | 0.188 | 9.45 | 4.27 |
| | 0.250 | 12.20 | 5.53 |
| | 0.313 | 14.80 | 6.72 |
| | 0.120 | 7.03 | 3.19 |
| 6 x 4 | 0.180 | 10.30 | 4.67 |
| | 0.188 | 10.73 | 4.86 |
| | 0.250 | 13.92 | 6.31 |
| | 0.313 | 16.98 | 7.70 |
| | 0.120 | 7.83 | 3.56 |
| 8 x 4 | 0.180 | 11.53 | 5.23 |
| | 0.188 | 12.00 | 5.43 |
| | 0.250 | 15.60 | 7.08 |
| | 0.313 | 19.10 | 8.65 |
| | 0.120 | 14.56 | 6.60 |
| 8 x 4 | 0.250 | 19.02 | 8.62 |
| | 0.313 | 23.37 | 10.60 |



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**Pre-Painted Pipe
Lacquering Black pipe
Water Transmission Pipe**

Standard : **ASTM A53 Grade A – Sch 40**

| Size (Inch) | Outside Diameter | | Wall Thickness | | Weight kg/ft |
|----------------|------------------|-------|----------------|------|-----------------|
| | In | Mm | In | Mm | |
| 1" | 1.315 | 33.4 | 0.133 | 3.38 | 0.76 |
| 1-1/4" | 1.660 | 42.2 | 0.140 | 3.56 | 1.03 |
| 1-1/2" | 1.900 | 48.3 | 0.145 | 3.68 | 1.23 |
| 2" | 2.375 | 60.3 | 0.154 | 3.91 | 1.66 |
| 2-1/2" | 2.875 | 73.0 | 0.203 | 5.16 | 2.63 |
| 3" | 3.500 | 88.9 | 0.216 | 5.49 | 3.44 |
| 3-1/2" | 4.000 | 101.6 | 0.226 | 5.74 | 4.14 |
| 4" | 4.500 | 114.3 | 0.237 | 6.02 | 4.90 |
| 5" | 5.563 | 141.3 | 0.258 | 6.55 | 6.64 |
| 6" | 6.625 | 168.3 | 0.280 | 7.11 | 8.61 |
| 8" | 8.625 | 219.1 | 0.322 | 8.18 | 12.97 |



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