



**BS 1387 STEEL TUBES & TUBULARS**

**LIGHT**

| Nominal Bore |     | Outside Dia. of Black Tube |       |       |       | Thickness |     | Weight of Black Tube |       |       |                    |       |       |
|--------------|-----|----------------------------|-------|-------|-------|-----------|-----|----------------------|-------|-------|--------------------|-------|-------|
|              |     | max.                       |       | min.  |       |           |     | Plain End            |       |       | Screwed & Socketed |       |       |
| in.          | mm. | in.                        | mm.   | in.   | mm.   | in.       | mm. | lb/ft                | kg/ft | kg/m  | lb/ft              | kg/ft | kg/m  |
| 1/2          | 15  | 0.841                      | 21.4  | 0.825 | 21.0  | 0.080     | 2.0 | 0.640                | 0.290 | 0.947 | 0.646              | 0.293 | 0.956 |
| 3/4          | 20  | 1.059                      | 26.9  | 1.041 | 26.4  | 0.092     | 2.3 | 0.944                | 0.428 | 1.38  | 0.954              | 0.433 | 1.39  |
| 1            | 25  | 1.328                      | 33.8  | 1.309 | 33.2  | 0.104     | 2.6 | 1.35                 | 0.612 | 1.98  | 1.36               | 0.617 | 2.00  |
| 1 1/4        | 32  | 1.670                      | 42.5  | 1.650 | 41.9  | 0.104     | 2.6 | 1.73                 | 0.785 | 2.54  | 1.75               | 0.794 | 2.57  |
| 1 1/2        | 40  | 1.903                      | 48.4  | 1.882 | 47.8  | 0.116     | 2.9 | 2.19                 | 0.993 | 3.23  | 2.22               | 1.01  | 3.27  |
| 2            | 50  | 2.370                      | 60.2  | 2.347 | 59.6  | 0.116     | 2.9 | 2.76                 | 1.25  | 4.08  | 2.81               | 1.27  | 4.15  |
| 2 1/2        | 65  | 2.991                      | 76.0  | 2.960 | 75.2  | 0.128     | 3.2 | 3.90                 | 1.77  | 5.71  | 3.98               | 1.81  | 5.83  |
| 3            | 80  | 3.491                      | 88.7  | 3.460 | 87.9  | 0.128     | 3.2 | 4.58                 | 2.08  | 6.72  | 4.69               | 2.13  | 6.89  |
| 4            | 100 | 4.481                      | 113.9 | 4.450 | 113.0 | 0.144     | 3.6 | 6.64                 | 3.01  | 9.75  | 6.84               | 3.10  | 10.0  |

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**MEDIUM**

| Nominal Bore |     | Outside Dia. of Black Tube |       |       |       | Thickness |     | Weight of Black Tube |       |      |                    |       |      |
|--------------|-----|----------------------------|-------|-------|-------|-----------|-----|----------------------|-------|------|--------------------|-------|------|
|              |     | max.                       |       | min.  |       |           |     | Plain End            |       |      | Screwed & Socketed |       |      |
| in.          | mm. | in.                        | mm.   | in.   | mm.   | in.       | mm. | lb/ft                | kg/ft | kg/m | lb/ft              | kg/ft | kg/m |
| 1/2          | 15  | 0.856                      | 21.7  | 0.831 | 21.1  | 0.104     | 2.6 | 0.822                | 0.373 | 1.21 | 0.828              | 0.376 | 1.22 |
| 3/4          | 20  | 1.072                      | 27.2  | 1.047 | 26.6  | 0.104     | 2.6 | 1.06                 | 0.481 | 1.56 | 1.07               | 0.485 | 1.57 |
| 1            | 25  | 1.346                      | 34.2  | 1.316 | 33.4  | 0.128     | 3.2 | 1.64                 | 0.744 | 2.41 | 1.65               | 0.748 | 2.43 |
| 1 1/4        | 32  | 1.687                      | 42.9  | 1.657 | 42.1  | 0.128     | 3.2 | 2.11                 | 0.957 | 3.10 | 2.13               | 0.966 | 3.13 |
| 1 1/2        | 40  | 1.919                      | 48.8  | 1.889 | 48.0  | 0.128     | 3.2 | 2.43                 | 1.10  | 3.57 | 2.46               | 1.12  | 3.61 |
| 2            | 50  | 2.394                      | 60.8  | 2.354 | 59.8  | 0.144     | 3.6 | 3.42                 | 1.55  | 5.03 | 3.47               | 1.57  | 5.10 |
| 2 1/2        | 65  | 3.014                      | 76.6  | 2.969 | 75.4  | 0.144     | 3.6 | 4.38                 | 1.99  | 6.43 | 4.46               | 2.02  | 6.55 |
| 3            | 80  | 3.524                      | 89.5  | 3.469 | 88.1  | 0.160     | 4.0 | 5.69                 | 2.58  | 8.38 | 5.80               | 2.63  | 8.54 |
| 4            | 100 | 4.524                      | 114.9 | 4.459 | 113.3 | 0.176     | 4.5 | 8.14                 | 3.69  | 12.2 | 8.34               | 3.78  | 12.5 |
| 5            | 125 | 5.534                      | 140.6 | 5.459 | 138.7 | 0.192     | 5.0 | 10.9                 | 4.94  | 16.6 | 11.2               | 5.08  | 17.1 |
| 6            | 150 | 6.539                      | 166.1 | 6.459 | 164.1 | 0.192     | 5.0 | 12.9                 | 5.85  | 19.7 | 13.3               | 6.03  | 20.3 |

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**HEAVY**

| Nominal Bore |     | Outside Dia. of Black Tube |       |       |       | Thickness |     | Weight of Black Tube |       |      |                    |       |      |
|--------------|-----|----------------------------|-------|-------|-------|-----------|-----|----------------------|-------|------|--------------------|-------|------|
|              |     | max.                       |       | min.  |       |           |     | Plain End            |       |      | Screwed & Socketed |       |      |
| in.          | mm. | in.                        | mm.   | in.   | mm.   | in.       | mm. | lb/ft                | kg/ft | kg/m | lb/ft              | kg/ft | kg/m |
| 1/2          | 15  | 0.856                      | 21.7  | 0.831 | 21.1  | 0.128     | 3.2 | 0.977                | 0.443 | 1.44 | 0.938              | 0.446 | 1.45 |
| 3/4          | 20  | 1.072                      | 27.2  | 1.047 | 26.6  | 0.128     | 3.2 | 1.27                 | 0.576 | 1.87 | 1.28               | 0.581 | 1.88 |
| 1            | 25  | 1.346                      | 34.2  | 1.316 | 33.4  | 0.160     | 4.0 | 2.00                 | 0.907 | 2.94 | 2.01               | 0.912 | 2.96 |
| 1 1/4        | 32  | 1.687                      | 42.9  | 1.657 | 42.1  | 0.160     | 4.0 | 2.58                 | 1.17  | 3.80 | 2.60               | 1.18  | 3.83 |
| 1 1/2        | 40  | 1.919                      | 48.8  | 1.889 | 48.0  | 0.160     | 4.0 | 2.98                 | 1.35  | 4.38 | 3.01               | 1.37  | 4.42 |
| 2            | 50  | 2.394                      | 60.8  | 2.354 | 59.8  | 0.176     | 4.5 | 4.14                 | 1.88  | 6.19 | 4.19               | 1.90  | 6.26 |
| 2 1/2        | 65  | 3.014                      | 76.6  | 2.969 | 75.4  | 0.176     | 4.5 | 5.31                 | 2.41  | 7.93 | 5.39               | 2.44  | 8.05 |
| 3            | 80  | 3.524                      | 89.5  | 3.469 | 88.1  | 0.192     | 5.0 | 6.76                 | 3.07  | 10.3 | 6.87               | 3.12  | 10.5 |
| 4            | 100 | 4.524                      | 114.9 | 4.459 | 113.3 | 0.212     | 5.4 | 9.71                 | 4.40  | 14.5 | 9.91               | 4.50  | 14.8 |
| 5            | 125 | 5.534                      | 140.6 | 5.459 | 138.7 | 0.212     | 5.4 | 12.0                 | 5.44  | 17.9 | 12.3               | 5.58  | 18.4 |
| 6            | 150 | 6.539                      | 166.1 | 6.459 | 164.1 | 0.212     | 5.4 | 14.3                 | 6.49  | 21.3 | 14.7               | 6.67  | 21.9 |