



**BARRETT STEEL**  
OFFSHORE



**Serving the  
Offshore  
Industry**

[barrettoffshore.com](http://barrettoffshore.com)





## A dedicated service to your sector

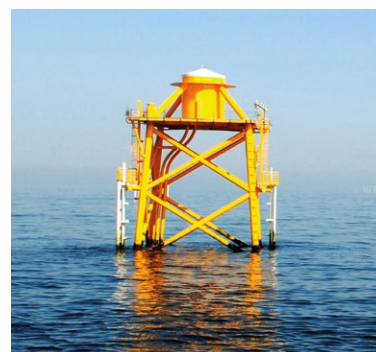
Barrett Steel Offshore offers a focused service to the Offshore & Renewables Energy Market. Our core range of **Hot and Cold formed circular, square & rectangular sections** are available from stock with 1 short delivery lead-times. Our Range of hollow section is detailed in this brochure as well as our hollow section processing capabilities.

Other grades of hollow sections & tubes are available on request through our wider network or from new mill rolling. All material is sourced from European mills/suppliers and supplied with **EN10204 3.1** certification as standard.

To compliment our hollow section stock and processing capabilities we also have a wide range of **secondary products**:

- **Heavy wall seamless pipes**
- **UB /UC Sections**
- **PFC's**
- **Angles**
- **Flats**
- **Plates**
- **Safety & Access products including open steel flooring and GRP**

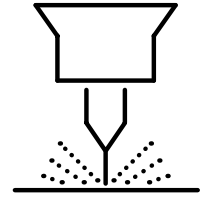
For more information about these products please contact:  
**[sales@barrettoffshore.com](mailto:sales@barrettoffshore.com)**



**[www.barrettoffshore.com](http://www.barrettoffshore.com)**



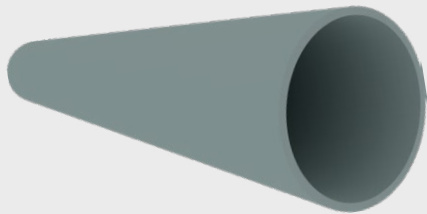
# Laser cut hollow section



Our specialist in house Barrett Tubes team have over 20 years' experience in Hollow Section Laser Cutting. We currently have 12 Tube Lasers across the group and a RB1500 CNC Plasma Gas Tube Profiler (which can cut tubulars up to 1500mm OD and 90 mm thick).

This means as a Barrett depot we have direct access to hollow section processing capabilities which are unrivalled within the UK steel stockholding industry.

Our 12 hollow section lasers can cut the following section sizes:



**CHS Circular Hollow Section**  
from 12mm to 508mm  
- thickness up to 16mm



**RHS Rectangular Hollow Section**  
from 25mm x 12mm to 500mm x 300mm  
- thickness up to 16mm



**SHS Square Hollow Section**  
from 12mm x 12mm to 400mm x 400mm - thickness up to 16mm

**Our tube lasers can take material**  
from 3200mm to 18000mm in length (3.2m to 18m)



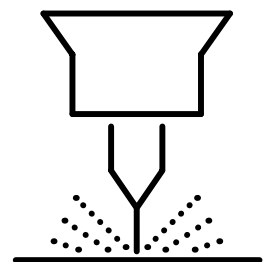


## Our LT20/LT14 Jumbo Lasers

LT14 Jumbo laser tube cutting has brought significant processing and economic benefits to the fabrication and assembly of mechanical sections in a wide range of applications.

Benefits from using the LT14 include:

- **The ability to process components at larger diameters and with heavier weights per piece (up to 200kgm)**
- **Shorter lead times – machine's latest touch screen interface uses an operating system that is up to 30% faster than previous versions**
- **Reductions in downstream assembly costs thanks to the possibility of obtaining stricter fabrication tolerances resulting in high quality and accurate assembly components**
- **Allows creative design and further supports innovative solutions**



## Our LT7 Fibre Lasers

We now have two LT7 Fibre Lasers within the group and it is the Fastest Production Tube Laser in the UK, processing Mild Steel, Stainless Steel, Aluminium, Copper, Brass and can work in 3D mode offering time saving weld preps.

Our LT20, LT14, LT8 and LT7 Lasers all have 3D Cutting Heads enabling the addition of time saving weld preparations. All these, including holes, slots and mixed profiles, are all done in one pass.





## Experts in tube plasma profiling

### **The latest addition to our processing capabilities is the ultra modern 6 axis tube/pipe plasma profiler.**

Based at our Middlesbrough site, this machine offers innovative technology and ground-breaking software for processing pipe up to 1524mm diameter. It's main functions include scalloping and both standard and reverse weld preparations. It can also be used on 'free issue' material, where customers are offered the choice of buying either processed steel or supplying the parent material.

#### **Capabilities**

Number of CNC axes: 6

Max. workpiece weight in kg: 10,000

Min.-max. clampable round pipe diameter in mm: 80 - 1,524

Max. size of chuck opening in mm: 950

Min.-max. cuttable workpiece length in mm: 300 - 18,000

Min.-max. wall thickness in mm for cutting with oxy-fuel/plasma in mm: 5-150 / 1-80

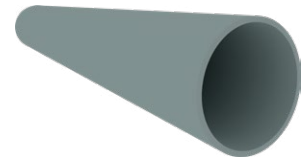
Max. torch angle in °: +/- 70 / 45

#### ***Recent projects include:***

- **Hornsea Offshore Wind**
- **East Anglia Offshore Wind**
- **Culzean Bridge Links**
- **Galloper Wind Farm**
- **Scolty Crathes Development**
- **Rampion Wind Farm**
- **BP Macher Infill**
- **Clair Ridge**



# CHS / CIRCULAR HOLLOW SECTION



BS EN 10219-1: 2006

| Size (mm)  | Kg/m |
|------------|------|
| 21.3 x 3.0 | 1.35 |
| 26.9 x 2.0 | 1.23 |
| 26.9 x 2.5 | 1.50 |
| 26.9 x 3.0 | 1.77 |
| 33.7 x 2.0 | 1.56 |
| 33.7 x 2.5 | 1.92 |
| 33.7 x 3.0 | 2.27 |
| 33.7 x 4.0 | 2.93 |
| 42.4 x 2.0 | 1.99 |
| 42.4 x 2.5 | 2.46 |
| 42.4 x 3.0 | 2.91 |
| 42.4 x 3.2 | 3.09 |
| 42.4 x 4.0 | 3.79 |
| 48.3 x 2.5 | 2.82 |
| 48.3 x 3.0 | 3.35 |
| 48.3 x 3.2 | 3.59 |
| 48.3 x 4.0 | 4.37 |
| 48.3 x 5.0 | 5.34 |
| 60.3 x 3.0 | 4.24 |
| 60.3 x 3.5 | 4.90 |
| 60.3 x 4.0 | 5.55 |
| 60.3 x 5.0 | 6.82 |
| 76.1 x 3.0 | 5.41 |
| 76.1 x 4.0 | 7.11 |
| 76.1 x 5.0 | 8.77 |

| Size (mm)    | Kg/m  |
|--------------|-------|
| 88.9 x 3.0   | 6.36  |
| 88.9 x 4.0   | 8.38  |
| 88.9 x 5.0   | 10.30 |
| 114.3 x 3.0  | 8.23  |
| 114.3 x 3.5  | 9.56  |
| 114.3 x 4.0  | 10.90 |
| 114.3 x 5.0  | 13.50 |
| 114.3 x 6.0  | 16.00 |
| 139.7 x 4.0  | 13.40 |
| 139.7 x 5.0  | 16.60 |
| 139.7 x 6.0  | 19.80 |
| 139.7 x 8.0  | 26.00 |
| 139.7 x 10.0 | 32.00 |
| 168.3 x 4.0  | 16.20 |
| 168.3 x 5.0  | 20.10 |
| 168.3 x 6.0  | 24.00 |
| 168.3 x 8.0  | 31.60 |
| 168.3 x 10.0 | 39.00 |
| 168.3 x 12.5 | 48.00 |
| 193.7 x 4.0  | 18.70 |
| 193.7 x 5.0  | 23.30 |
| 193.7 x 6.0  | 27.80 |
| 193.7 x 8.0  | 36.60 |
| 193.7 x 10.0 | 45.30 |
| 193.7 x 12.5 | 55.90 |

| Size (mm)    | Kg/m   |
|--------------|--------|
| 219.1 x 5.0  | 26.40  |
| 219.1 x 6.0  | 31.50  |
| 219.1 x 8.0  | 41.60  |
| 219.1 x 10.0 | 51.60  |
| 219.1 x 12.5 | 63.70  |
| 219.1 x 16.0 | 80.10  |
| 244.5 x 6.0  | 35.30  |
| 244.5 x 8.0  | 46.70  |
| 244.5 x 10.0 | 57.80  |
| 244.5 x 12.5 | 71.50  |
| 244.5 x 16.0 | 90.20  |
| 273.0 x 6.0  | 39.50  |
| 273.0 x 8.0  | 52.30  |
| 273.0 x 10.0 | 64.90  |
| 273.0 x 12.5 | 80.30  |
| 273.0 x 16.0 | 101.00 |
| 323.9 x 6.0  | 47.00  |
| 323.9 x 8.0  | 62.30  |
| 323.9 x 10.0 | 77.40  |
| 323.9 x 12.5 | 96.00  |
| 323.9 x 16.0 | 121.00 |





# SHS / SQUARE HOLLOW SECTION



BS EN 10219-1: 2006

| Size (mm)     | Kg/m  |
|---------------|-------|
| 25 x 25 x 2.0 | 1.36  |
| 25 x 25 x 2.5 | 1.64  |
| 25 x 25 x 3.0 | 1.89  |
| 30 x 30 x 2.0 | 1.68  |
| 30 x 30 x 2.5 | 2.03  |
| 30 x 30 x 3.0 | 2.36  |
| 40 x 40 x 2.0 | 2.31  |
| 40 x 40 x 2.5 | 2.82  |
| 40 x 40 x 3.0 | 3.30  |
| 40 x 40 x 4.0 | 4.20  |
| 50 x 50 x 2.0 | 2.93  |
| 50 x 50 x 2.5 | 3.60  |
| 50 x 50 x 3.0 | 4.25  |
| 50 x 50 x 4.0 | 5.45  |
| 50 x 50 x 5.0 | 6.56  |
| 50 x 50 x 6.0 | 7.87  |
| 60 x 60 x 3.0 | 5.19  |
| 60 x 60 x 4.0 | 6.71  |
| 60 x 60 x 5.0 | 8.13  |
| 70 x 70 x 3.0 | 6.13  |
| 70 x 70 x 3.5 | 7.06  |
| 70 x 70 x 4.0 | 7.97  |
| 70 x 70 x 5.0 | 9.70  |
| 80 x 80 x 3.0 | 7.07  |
| 80 x 80 x 3.5 | 8.16  |
| 80 x 80 x 4.0 | 9.22  |
| 80 x 80 x 5.0 | 11.30 |

| Size (mm)        | Kg/m  |
|------------------|-------|
| 80 x 80 x 6.0    | 13.20 |
| 80 x 80 x 8.0    | 16.40 |
| 90 x 90 x 3.0    | 8.01  |
| 90 x 90 x 3.5    | 9.26  |
| 90 x 90 x 4.0    | 10.50 |
| 90 x 90 x 5.0    | 12.80 |
| 90 x 90 x 6.0    | 15.10 |
| 90 x 90 x 8.0    | 18.90 |
| 100 x 100 x 3.0  | 8.96  |
| 100 x 100 x 4.0  | 11.70 |
| 100 x 100 x 5.0  | 14.40 |
| 100 x 100 x 6.0  | 17.00 |
| 100 x 100 x 8.0  | 21.40 |
| 100 x 100 x 10.0 | 27.40 |
| 120 x 120 x 4.0  | 14.20 |
| 120 x 120 x 5.0  | 17.50 |
| 120 x 120 x 6.0  | 20.70 |
| 120 x 120 x 8.0  | 26.40 |
| 120 x 120 x 10.0 | 31.80 |
| 140 x 140 x 4.0  | 16.80 |
| 140 x 140 x 5.0  | 20.70 |
| 140 x 140 x 6.0  | 24.50 |
| 140 x 140 x 8.0  | 31.40 |
| 140 x 140 x 10.0 | 38.10 |
| 150 x 150 x 5.0  | 22.30 |
| 150 x 150 x 6.0  | 26.40 |
| 150 x 150 x 8.0  | 33.90 |

| Size (mm)        | Kg/m   |
|------------------|--------|
| 150 x 150 x 10.0 | 41.30  |
| 160 x 160 x 5.0  | 23.80  |
| 160 x 160 x 6.0  | 28.30  |
| 160 x 160 x 8.0  | 36.50  |
| 160 x 160 x 10.0 | 44.40  |
| 180 x 180 x 5.0  | 27.00  |
| 180 x 180 x 6.0  | 32.10  |
| 180 x 180 x 8.0  | 41.50  |
| 180 x 180 x 10.0 | 50.70  |
| 180 x 180 x 12.5 | 60.50  |
| 200 x 200 x 5.0  | 30.10  |
| 200 x 200 x 6.0  | 35.80  |
| 200 x 200 x 8.0  | 46.50  |
| 200 x 200 x 10.0 | 57.00  |
| 200 x 200 x 12.5 | 68.30  |
| 250 x 250 x 6.0  | 45.20  |
| 250 x 250 x 8.0  | 59.10  |
| 250 x 250 x 10.0 | 72.70  |
| 250 x 250 x 12.5 | 88.00  |
| 300 x 300 x 6.0  | 54.70  |
| 300 x 300 x 8.0  | 71.60  |
| 300 x 300 x 10.0 | 88.40  |
| 300 x 300 x 12.5 | 108.00 |



# RHS / RECTANGULAR HOLLOW SECTION

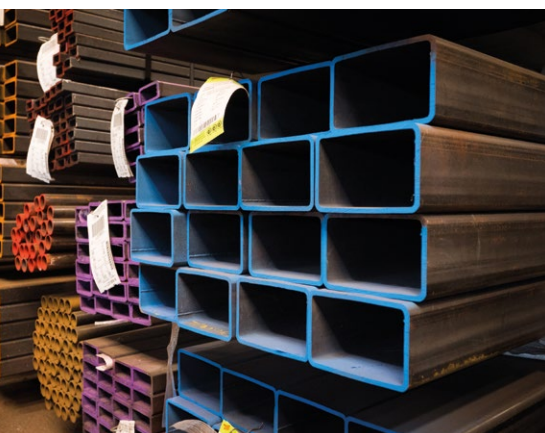


BS EN 10219-1: 2006

| Size (mm)     | Kg/m |
|---------------|------|
| 50 x 25 x 2   | 2.15 |
| 50 x 25 x 2.5 | 2.62 |
| 50 x 25 x 3   | 3.07 |
| 50 x 30 x 2   | 2.31 |
| 50 x 30 x 2.5 | 2.82 |
| 50 x 30 x 3   | 3.30 |
| 50 x 30 x 4   | 4.20 |
| 60 x 30 x 3   | 3.88 |
| 60 x 40 x 2.5 | 3.60 |
| 60 x 40 x 3   | 4.25 |
| 60 x 40 x 4   | 5.45 |
| 60 x 40 x 5   | 6.56 |
| 70 x 40 x 3   | 4.72 |
| 70 x 40 x 4   | 6.08 |

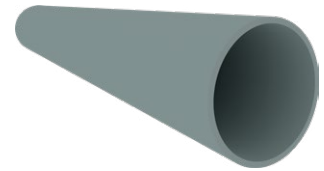
| Size (mm)      | Kg/m  |
|----------------|-------|
| 70 x 50 x 3    | 5.19  |
| 70 x 50 x 4    | 6.71  |
| 75 x 50 x 3    | 5.42  |
| 80 x 40 x 3    | 5.19  |
| 80 x 40 x 4    | 6.71  |
| 80 x 40 x 5    | 8.13  |
| 80 x 50 x 3    | 5.66  |
| 80 x 50 x 4    | 7.34  |
| 80 x 50 x 5    | 8.91  |
| 90 x 50 x 3    | 6.13  |
| 90 x 50 x 3.5  | 7.06  |
| 90 x 50 x 4    | 7.97  |
| 90 x 50 x 5    | 9.70  |
| 100 x 50 x 2.5 | 5.56  |
| 100 x 50 x 3   | 6.60  |
| 100 x 50 x 4   | 8.59  |
| 100 x 50 x 5   | 10.50 |
| 100 x 50 x 6   | 12.30 |
| 100 x 60 x 3   | 7.07  |
| 100 x 60 x 3.5 | 8.16  |
| 100 x 60 x 5   | 11.30 |
| 100 x 60 x 6   | 13.20 |
| 100 x 60 x 8   | 17.50 |
| 120 x 60 x 3   | 8.01  |
| 120 x 60 x 3.5 | 9.26  |
| 120 x 60 x 5   | 12.80 |
| 120 x 60 x 6   | 15.10 |
| 120 x 80 x 3   | 8.96  |
| 120 x 80 x 4   | 11.70 |
| 120 x 80 x 5   | 14.40 |
| 120 x 80 x 6   | 17.00 |
| 120 x 80 x 8   | 21.40 |
| 120 x 80 x 10  | 27.40 |
| 150 x 100 x 4  | 14.90 |
| 150 x 100 x 5  | 18.30 |

| Size (mm)        | Kg/m   |
|------------------|--------|
| 150 x 100 x 6    | 21.70  |
| 150 x 100 x 8    | 27.70  |
| 150 x 100 x 10   | 33.40  |
| 160 x 80 x 4     | 14.20  |
| 160 x 80 x 5     | 17.50  |
| 160 x 80 x 6     | 20.70  |
| 160 x 80 x 8     | 26.40  |
| 160 x 80 x 10    | 31.80  |
| 200 x 100 x 4    | 18.00  |
| 200 x 100 x 5    | 22.30  |
| 200 x 100 x 6.0  | 26.40  |
| 200 x 100 x 8    | 33.90  |
| 200 x 100 x 10   | 41.30  |
| 200 x 100 x 12.5 | 48.70  |
| 200 x 120 x 5    | 23.80  |
| 200 x 120 x 6    | 28.30  |
| 200 x 150 x 6    | 31.10  |
| 200 x 150 x 8    | 40.20  |
| 200 x 150 x 10   | 49.10  |
| 250 x 150 x 5    | 30.10  |
| 250 x 150 x 6    | 35.80  |
| 250 x 150 x 8    | 46.50  |
| 250 x 150 x 10   | 57.00  |
| 250 x 150 x 12.5 | 68.30  |
| 300 x 100 x 6    | 35.80  |
| 300 x 100 x 8    | 46.50  |
| 300 x 100 x 10   | 57.00  |
| 300 x 100 x 12.5 | 68.40  |
| 300 x 200 x 6    | 45.20  |
| 300 x 200 x 8    | 59.10  |
| 300 x 200 x 10   | 72.70  |
| 300 x 200 x 12.5 | 88.00  |
| 400 x 200 x 8    | 71.60  |
| 400 x 200 x 10   | 88.40  |
| 400 x 200 x 12.5 | 108.00 |





# CHS / CIRCULAR HOLLOW SECTION



BS EN 10210-1: 2006

| Size (mm)   | Kg/m  |
|-------------|-------|
| 21.3 x 3.2  | 1.43  |
| 26.9 x 3.2  | 1.87  |
| 33.7 x 2.6  | 1.99  |
| 33.7 x 3.2  | 2.41  |
| 33.7 x 4.0  | 2.93  |
| 42.4 x 2.6  | 2.55  |
| 42.4 x 3.2  | 3.09  |
| 42.4 x 4.0  | 3.79  |
| 48.3 x 3.2  | 3.56  |
| 48.3 x 4.0  | 4.37  |
| 48.3 x 5.0  | 5.34  |
| 60.3 x 3.2  | 4.51  |
| 60.3 x 4.0  | 5.55  |
| 60.3 x 5.0  | 6.82  |
| 76.1 x 3.2  | 5.75  |
| 76.1 x 4.0  | 7.11  |
| 76.1 x 5.0  | 8.77  |
| 88.9 x 3.2  | 6.76  |
| 88.9 x 4.0  | 8.38  |
| 88.9 x 5.0  | 10.30 |
| 88.9 x 6.3  | 12.80 |
| 114.3 x 3.6 | 9.83  |
| 114.3 x 5.0 | 13.50 |
| 114.3 x 6.3 | 16.80 |
| 139.7 x 5.0 | 16.60 |

| Size (mm)    | Kg/m  |
|--------------|-------|
| 139.7 x 6.3  | 20.70 |
| 139.7 x 8.0  | 26.00 |
| 139.7 x 10.0 | 32.00 |
| 168.3 x 5.0  | 20.10 |
| 168.3 x 6.3  | 25.20 |
| 168.3 x 8.0  | 31.60 |
| 168.3 x 10.0 | 39.00 |
| 168.3 x 12.5 | 48.00 |
| 193.7 x 5.0  | 23.30 |
| 193.7 x 6.3  | 29.10 |
| 193.7 x 8.0  | 36.60 |
| 193.7 x 10.0 | 45.30 |
| 193.7 x 12.5 | 55.90 |
| 219.1 x 5.0  | 26.40 |
| 219.1 x 6.3  | 33.10 |
| 219.1 x 8.0  | 41.60 |
| 219.1 x 10.0 | 51.60 |
| 219.1 x 12.5 | 63.70 |
| 219.1 x 16.0 | 80.10 |
| 244.5 x 6.3  | 37.00 |
| 244.5 x 8.0  | 46.70 |
| 244.5 x 10.0 | 57.80 |
| 244.5 x 12.5 | 71.50 |
| 244.5 x 16   | 90.20 |
| 273.0 x 6.3  | 41.40 |

| Size (mm)    | Kg/m   |
|--------------|--------|
| 273.0 x 8.0  | 52.30  |
| 273.0 x 10.0 | 64.90  |
| 273.0 x 12.5 | 80.30  |
| 273.0 x 16   | 101.00 |
| 323.9 x 6.3  | 49.30  |
| 323.9 x 8.0  | 62.30  |
| 323.9 x 10.0 | 77.40  |
| 323.9 x 12.5 | 96.00  |
| 323.9 x 16.0 | 121.00 |
| 355.6 x 8.0  | 68.60  |
| 355.6 x 10.0 | 85.20  |
| 355.6 x 12.5 | 106.00 |
| 355.6 x 16.0 | 134.00 |
| 406.4 x 8.0  | 78.60  |
| 406.4 x 10.0 | 97.80  |
| 406.4 x 12.5 | 121.00 |
| 406.4 x 16.0 | 154.00 |
| 457.0 x 8.0  | 88.60  |
| 457.0 x 10.0 | 110.00 |
| 457.0 x 12.5 | 137.00 |
| 457.0 x 16.0 | 174.00 |
| 508.0 x 10.0 | 123.00 |
| 508.0 x 12.5 | 153.00 |
| 508.0 x 16.0 | 194.00 |



# SHS / SQUARE HOLLOW SECTION

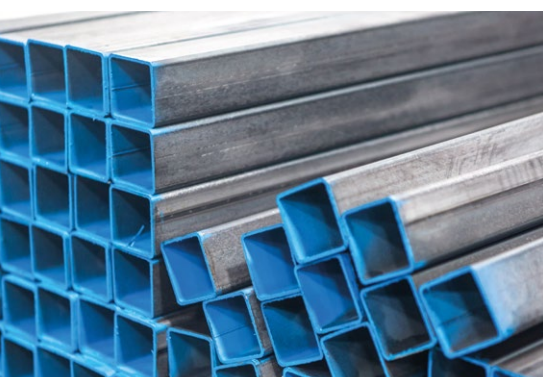


BS EN 10210-1: 2006

| Size (mm)     | Kg/m  |
|---------------|-------|
| 40 x 40 x 3.0 | 3.41  |
| 40 x 40 x 3.2 | 3.61  |
| 40 x 40 x 4.0 | 4.39  |
| 40 x 40 x 5.0 | 5.28  |
| 50 x 50 x 3.0 | 4.35  |
| 50 x 50 x 3.2 | 4.62  |
| 50 x 50 x 4.0 | 5.64  |
| 50 x 50 x 5.0 | 6.85  |
| 50 x 50 x 6.3 | 8.31  |
| 60 x 60 x 3.0 | 5.29  |
| 60 x 60 x 3.2 | 5.62  |
| 60 x 60 x 4.0 | 6.90  |
| 60 x 60 x 5.0 | 8.42  |
| 60 x 60 x 6.3 | 10.30 |
| 60 x 60 x 8.0 | 12.50 |
| 70 x 70 x 3.0 | 6.24  |
| 70 x 70 x 3.6 | 7.40  |

| Size (mm)        | Kg/m  |
|------------------|-------|
| 70 x 70 x 5.0    | 9.99  |
| 70 x 70 x 6.3    | 12.30 |
| 70 x 70 x 8.0    | 15.00 |
| 80 x 80 x 3.0    | 7.18  |
| 80 x 80 x 3.6    | 8.53  |
| 80 x 80 x 5.0    | 11.60 |
| 80 x 80 x 6.3    | 14.20 |
| 80 x 80 x 8.0    | 17.50 |
| 90 x 90 x 3.6    | 9.66  |
| 90 x 90 x 5.0    | 13.10 |
| 90 x 90 x 6.3    | 16.20 |
| 90 x 90 x 8.0    | 20.10 |
| 100 x 100 x 4.0  | 11.90 |
| 100 x 100 x 5.0  | 14.70 |
| 100 x 100 x 6.3  | 18.20 |
| 100 x 100 x 8.0  | 22.60 |
| 100 x 100 x 10.0 | 27.40 |
| 120 x 120 x 5.0  | 17.80 |
| 120 x 120 x 6.3  | 22.20 |
| 120 x 120 x 8.0  | 27.60 |
| 120 x 120 x 10.0 | 33.70 |
| 120 x 120 x 12.5 | 40.90 |
| 140 x 140 x 5.0  | 21.00 |
| 140 x 140 x 6.3  | 26.10 |
| 140 x 140 x 8.0  | 32.60 |
| 140 x 140 x 10.0 | 40.00 |
| 140 x 140 x 12.5 | 48.70 |
| 150 x 150 x 5.0  | 22.60 |
| 150 x 150 x 6.3  | 28.10 |
| 150 x 150 x 8.0  | 35.10 |
| 150 x 150 x 10.0 | 43.10 |
| 150 x 150 x 12.5 | 52.70 |
| 150 x 150 x 16.0 | 65.20 |
| 160 x 160 x 5.0  | 24.10 |
| 160 x 160 x 6.3  | 30.10 |

| Size (mm)        | Kg/m   |
|------------------|--------|
| 160 x 160 x 8.0  | 37.60  |
| 160 x 160 x 10.0 | 46.30  |
| 160 x 160 x 12.5 | 56.60  |
| 160 x 160 x 16.0 | 70.20  |
| 180 x 180 x 5.0  | 27.30  |
| 180 x 180 x 6.3  | 34.00  |
| 180 x 180 x 8.0  | 42.70  |
| 180 x 180 x 10.0 | 52.50  |
| 180 x 180 x 12.5 | 64.40  |
| 180 x 180 x 16.0 | 80.20  |
| 200 x 200 x 5.0  | 30.40  |
| 200 x 200 x 6.3  | 38.00  |
| 200 x 200 x 8.0  | 47.70  |
| 200 x 200 x 10.0 | 58.80  |
| 200 x 200 x 12.5 | 72.30  |
| 200 x 200 x 16.0 | 90.30  |
| 250 x 250 x 6.3  | 47.90  |
| 250 x 250 x 8.0  | 60.30  |
| 250 x 250 x 10.0 | 74.50  |
| 250 x 250 x 12.5 | 91.90  |
| 250 x 250 x 16.0 | 115.00 |
| 300 x 300 x 6.3  | 57.80  |
| 300 x 300 x 8.0  | 72.80  |
| 300 x 300 x 10.0 | 90.20  |
| 300 x 300 x 12.5 | 112.00 |
| 300 x 300 x 16.0 | 141.00 |
| 350 x 350 x 8.0  | 85.40  |
| 350 x 350 x 10.0 | 106.00 |
| 350 x 350 x 12.5 | 131.00 |
| 350 x 350 x 16.0 | 166.00 |
| 400 x 400 x 10.0 | 122.00 |
| 400 x 400 x 12.5 | 151.00 |
| 400 x 400 x 16.0 | 191.00 |





# RHS / RECTANGULAR HOLLOW SECTION

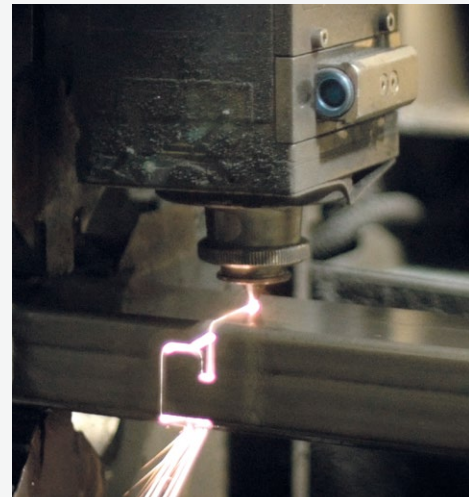


BS EN 10210-1: 2006

| Size (mm)       | Kg/m  |
|-----------------|-------|
| 50 x 30 x 3.2   | 36.10 |
| 50 x 30 x 4.0   | 4.39  |
| 50 x 30 x 5.0   | 5.28  |
| 60 x 40 x 3.2   | 4.62  |
| 60 x 40 x 4.0   | 5.64  |
| 60 x 40 x 5.0   | 6.85  |
| 80 x 40 x 3.2   | 5.62  |
| 80 x 40 x 4.0   | 6.90  |
| 80 x 40 x 5.0   | 8.42  |
| 80 x 40 x 6.3   | 10.30 |
| 90 x 50 x 3.6   | 7.40  |
| 90 x 50 x 5.0   | 9.99  |
| 90 x 50 x 6.3   | 12.30 |
| 100 x 50 x 3.2  | 7.13  |
| 100 x 50 x 4.0  | 8.78  |
| 100 x 50 x 5.0  | 10.80 |
| 100 x 50 x 6.3  | 13.30 |
| 100 x 50 x 8.0  | 16.30 |
| 100 x 60 x 3.6  | 8.53  |
| 100 x 60 x 5.0  | 11.60 |
| 100 x 60 x 6.3  | 14.20 |
| 100 x 60 x 8.0  | 17.50 |
| 120 x 60 x 3.6  | 9.66  |
| 120 x 60 x 5.0  | 13.10 |
| 120 x 60 x 6.3  | 16.20 |
| 120 x 60 x 8.0  | 20.10 |
| 120 x 80 x 5.0  | 14.70 |
| 120 x 80 x 6.3  | 18.20 |
| 120 x 80 x 8.0  | 22.60 |
| 120 x 80 x 10.0 | 27.40 |
| 150 x 100 x 4.0 | 15.10 |
| 150 x 100 x 5.0 | 18.60 |
| 150 x 100 x 6.0 | 21.70 |
| 150 x 100 x 6.3 | 23.10 |
| 150 x 100 x 8.0 | 28.90 |

| Size (mm)        | Kg/m  |
|------------------|-------|
| 150 x 100 x 10.0 | 35.30 |
| 150 x 100 x 12.5 | 42.80 |
| 160 x 80 x 4.0   | 14.40 |
| 160 x 80 x 5.0   | 17.80 |
| 160 x 80 x 6.3   | 22.20 |
| 160 x 80 x 8.0   | 27.60 |
| 160 x 80 x 10.0  | 33.70 |
| 160 x 80 x 12.5  | 40.90 |
| 200 x 100 x 5.0  | 22.60 |
| 200 x 100 x 6.3  | 28.10 |
| 200 x 100 x 8.0  | 35.10 |
| 200 x 100 x 10.0 | 43.10 |
| 200 x 100 x 12.5 | 52.70 |
| 200 x 100 x 16.0 | 65.20 |
| 200 x 120 x 5.0  | 24.10 |
| 200 x 120 x 6.3  | 30.10 |
| 200 x 120 x 8.0  | 37.60 |
| 200 x 120 x 10.0 | 46.30 |
| 200 x 120 x 12.5 | 56.60 |
| 200 x 150 x 8.0  | 41.40 |
| 200 x 150 x 10.0 | 51.00 |
| 250 x 100 x 6.3  | 33.00 |
| 250 x 150 x 5.0  | 30.40 |

| Size (mm)        | Kg/m   |
|------------------|--------|
| 250 x 150 x 6.3  | 38.00  |
| 250 x 150 x 8.0  | 47.70  |
| 250 x 150 x 10.0 | 58.80  |
| 250 x 150 x 12.5 | 72.30  |
| 250 x 150 x 16.0 | 90.30  |
| 300 x 100 x 8.0  | 47.70  |
| 300 x 100 x 10.0 | 58.80  |
| 300 x 200 x 6.3  | 47.90  |
| 300 x 200 x 8.0  | 60.30  |
| 300 x 200 x 10.0 | 74.50  |
| 300 x 200 x 12.5 | 91.90  |
| 300 x 200 x 16.0 | 115.00 |
| 400 x 200 x 8.0  | 72.80  |
| 400 x 200 x 10.0 | 90.20  |
| 400 x 200 x 12.5 | 112.00 |
| 400 x 200 x 16.0 | 141.00 |
| 450 x 250 x 8.0  | 85.40  |
| 450 x 250 x 10.0 | 106.00 |
| 450 x 250 x 12.5 | 131.00 |
| 450 x 250 x 16.0 | 166.00 |
| 500 x 300 x 10.0 | 122.00 |
| 500 x 300 x 12.5 | 151.00 |
| 500 x 300 x 16.0 | 191.00 |





## MEDIUM NOMINAL BORE TUBE

BS EN 10255 :2004

Available in self-colour, painted or galvanised with either screwed and socketed or plain ends.

| Nominal Bore<br>(mm) | Outside Diameter (mm) |        | Thickness<br>(mm) |
|----------------------|-----------------------|--------|-------------------|
|                      | (min)                 | (max)  |                   |
| 8                    | 13.30                 | 13.90  | 2.35              |
| 10                   | 16.80                 | 17.40  | 2.35              |
| 15                   | 21.10                 | 21.70  | 2.65              |
| 20                   | 26.60                 | 27.20  | 2.65              |
| 25                   | 33.40                 | 34.20  | 3.25              |
| 32                   | 40.10                 | 42.90  | 3.25              |
| 40                   | 48.00                 | 48.80  | 3.25              |
| 50                   | 59.80                 | 60.80  | 3.65              |
| 65                   | 75.40                 | 76.60  | 3.65              |
| 80                   | 88.10                 | 89.50  | 4.05              |
| 100                  | 113.30                | 114.90 | 4.05              |
| 125                  | 138.70                | 140.60 | 4.85              |
| 150                  | 164.10                | 166.10 | 4.85              |





## OFFSHORE SEAMLESS TUBE

EN10225 G15+N/API 5L X52/EN10210 S355 J2H

| Size (mm)    | Kg/m   |
|--------------|--------|
| 168.3 x 11   | 42.56  |
| 168.3 x 18   | 67.56  |
| 168.3 x 12.5 | 48.03  |
| 168.3 x 16   | 60.10  |
| 177.8 x 16   | 63.84  |
| 177.8 x 20   | 77.83  |
| 177.8 x 30   | 109.34 |
| 193.7 x 16   | 70.11  |
| 193.7 x 20   | 85.67  |
| 219.1 x 12.5 | 63.69  |
| 219.1 x 19.1 | 94.21  |
| 219.1 x 20   | 98.20  |
| 219.1 x 25   | 119.66 |

| Size (mm)    | Kg/m   |
|--------------|--------|
| 273 x 20     | 124.79 |
| 273.1 x 12.5 | 80.33  |
| 273.1 x 20   | 124.83 |
| 273.1 x 25   | 152.95 |
| 273.1 x 30   | 179.85 |
| 323.9 x 20   | 149.88 |
| 323.9 x 25   | 184.27 |
| 323.9 x 30   | 217.43 |
| 355.6 x 20   | 165.52 |
| 355.6 x 25   | 203.81 |
| 355.6 x 30   | 240.88 |
| 355.6 x 40   | 311.33 |
| 406.4 x 20   | 190.57 |

| Size (mm)  | Kg/m   |
|------------|--------|
| 406.4 x 25 | 235.13 |
| 406.4 x 30 | 278.46 |
| 406.4 x 30 | 242.92 |
| 457 x 20   | 215.52 |
| 457 x 25   | 266.33 |
| 457 x 30   | 315.89 |
| 508 x 20   | 240.68 |
| 508 x 25   | 297.79 |
| 508 x 30   | 353.62 |
| 610 x 20   | 290.99 |
| 610 x 25   | 360.65 |
| 610 x 30   | 429.08 |

## OFFSHORE WELDED TUBES

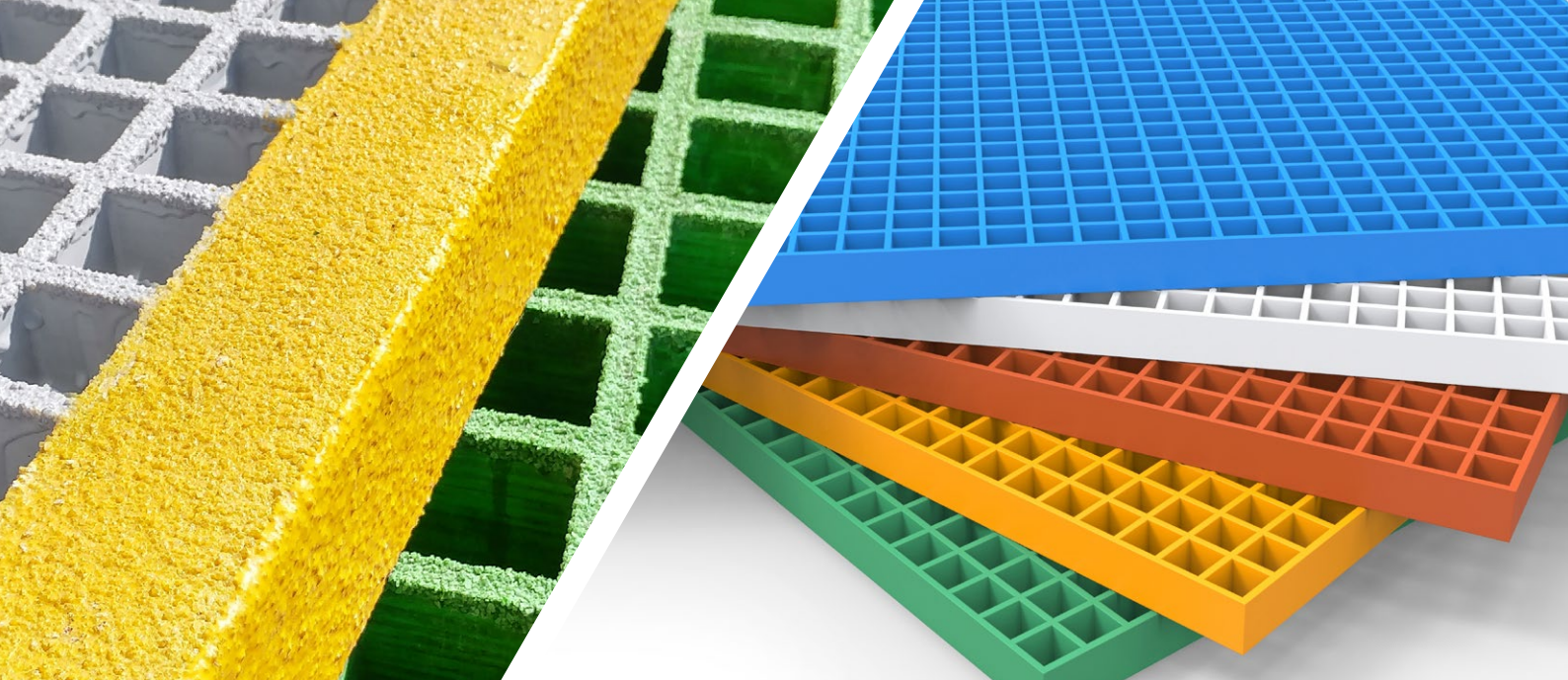
EN10225 G13+N

| Size (mm)    | Kg/m   |
|--------------|--------|
| 219.1 x 10   | 51.56  |
| 219.1 x 12.5 | 63.68  |
| 219.1 x 16   | 80.14  |
| 273 x 10     | 64.86  |
| 273 x 12.5   | 80.30  |
| 273 x 16     | 101.40 |
| 323.9 x 10   | 77.41  |

| Size (mm)    | Kg/m   |
|--------------|--------|
| 323.9 x 12.5 | 95.99  |
| 323.9 x 16   | 121.49 |
| 355.6 x 10   | 85.22  |
| 355.6 x 12.5 | 105.76 |
| 355.6 x 16   | 133.99 |
| 406.4 x 10   | 97.75  |
| 406.4 x 12.5 | 121.42 |

| Size (mm)  | Kg/m   |
|------------|--------|
| 406.4 x 16 | 154.03 |
| 508 x 10   | 122.81 |
| 508 x 12.5 | 152.74 |
| 508 x 16   | 194.12 |





## Flooring (Moulded Gratings) and Treads

**Moulded GRP makes an excellent choice for flooring in many commercial and industrial environments as it is durable, highly slip resistant, corrosion resistant, quick and easy to install. GRP Flooring and GRP Treads are particularly good when applied to areas of high public footfall due to their anti-slip properties and hardwearing nature.**

The GRP Flooring we provide is a high performance composite grating system that comes in many variations of surface finish and mesh types to suit your application. These range from:

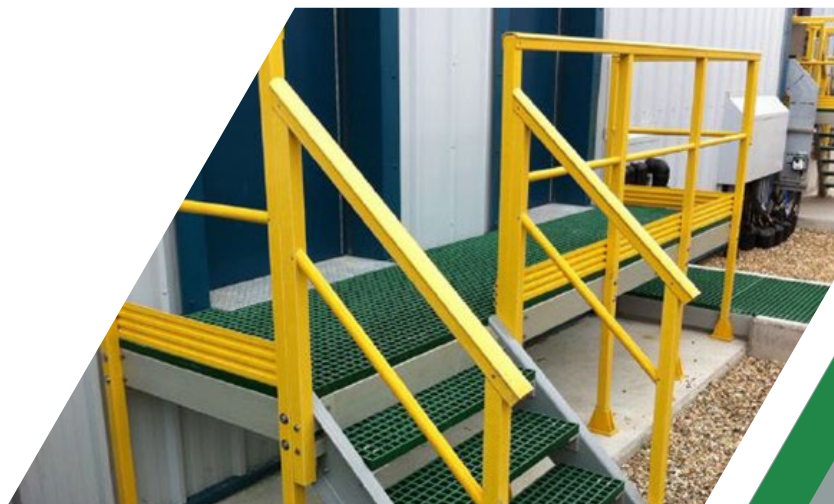
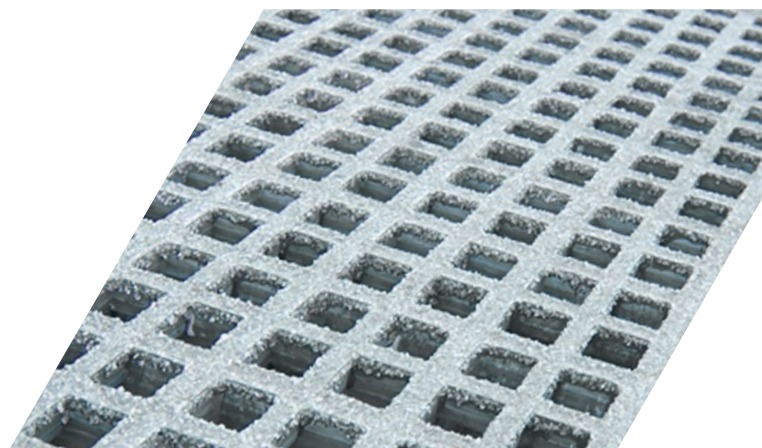
- **Gritted Top**
- **Concave Top (Ungritted)**
- **Covered / Solid Top**
- **Micro Mesh**
- **Heavy Duty**

There are various standard thicknesses from 13mm to 50mm and typically these come in standard panel sizes of:

- **3664mm x 1226mm (3.6m x 1.2m)**
- **3000mm x 1000mm (3m x 1m)**
- **2000mm x 1000mm (2m x 1m)**

**Aside from our standard panels we can offer bespoke cutting and shaping on flooring to suit your requirements.**

We can also apply additional finishing such as the application of Kick Flats which are perfect for elevated gantries and walkways.







## Handrailing and Ladders

**All GRP products are expected to have a 20+ years life span (subject to local conditions) making them a long lasting, maintenance free and cost-effective solution for a range of projects.**

GRP lends itself perfectly to be used as handrailing due to it being strong, durable and warm to the touch. It is lightweight allowing transportation around site and can be fitted with non-specialised tools which enables quick installation. GRP handrailing is a great solution for temporary requirements as well as long term installations. All our GRP handrail products meet the required standard for Flooring and Handrails for General Duty (0.36Kn/m) and BS4592:0 2006+a1 2012 Industrial.

Our Modular Handrailing is supplied in components, to be built up on site.

A 50mm diameter tube stocked in 5000mm long lengths is used to form the standards, hand railing and knee railing structures.

We stock a range of fittings including Bends, Elbows, Corners, Tee, Crosses and Post Bases. Our Post Bases come in 3 main styles; Triangular, Square and Side Fitting so can be utilized in a range of settings.

Handrailing is tested based on it being at a standard 1100mm high with bay centres at 1250mm and comes in Yellow (RAL 1003) as standard with limited components also available in Grey (RAL 7035).

*\*NB we also supply a wide range of End Caps/Toe Plate and Connection Bolts to complete your installation.*

GRP Bespoke handrails can also be supplied in part assembled modules for quick installation on site or as separate modular components.

Additional to the GRP Handrailing please enquire with our teams if you have a requirement for ladders or self-closing gates which we can also supply in this range.



A high-angle, top-down photograph of an offshore worker. The worker is wearing a white hard hat with a headlamp, a red high-visibility jacket over a dark long-sleeved shirt, and red gloves. They are standing on a yellow metal platform with perforated steel grating. The platform is part of a larger offshore structure, with a dark blue hull and orange safety railings visible in the background. The surrounding water is a deep teal color with white foam from the ship's wake.

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OFFSHORE

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**CREATIVITY, INNOVATION,  
TECHNICAL MASTERY**

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