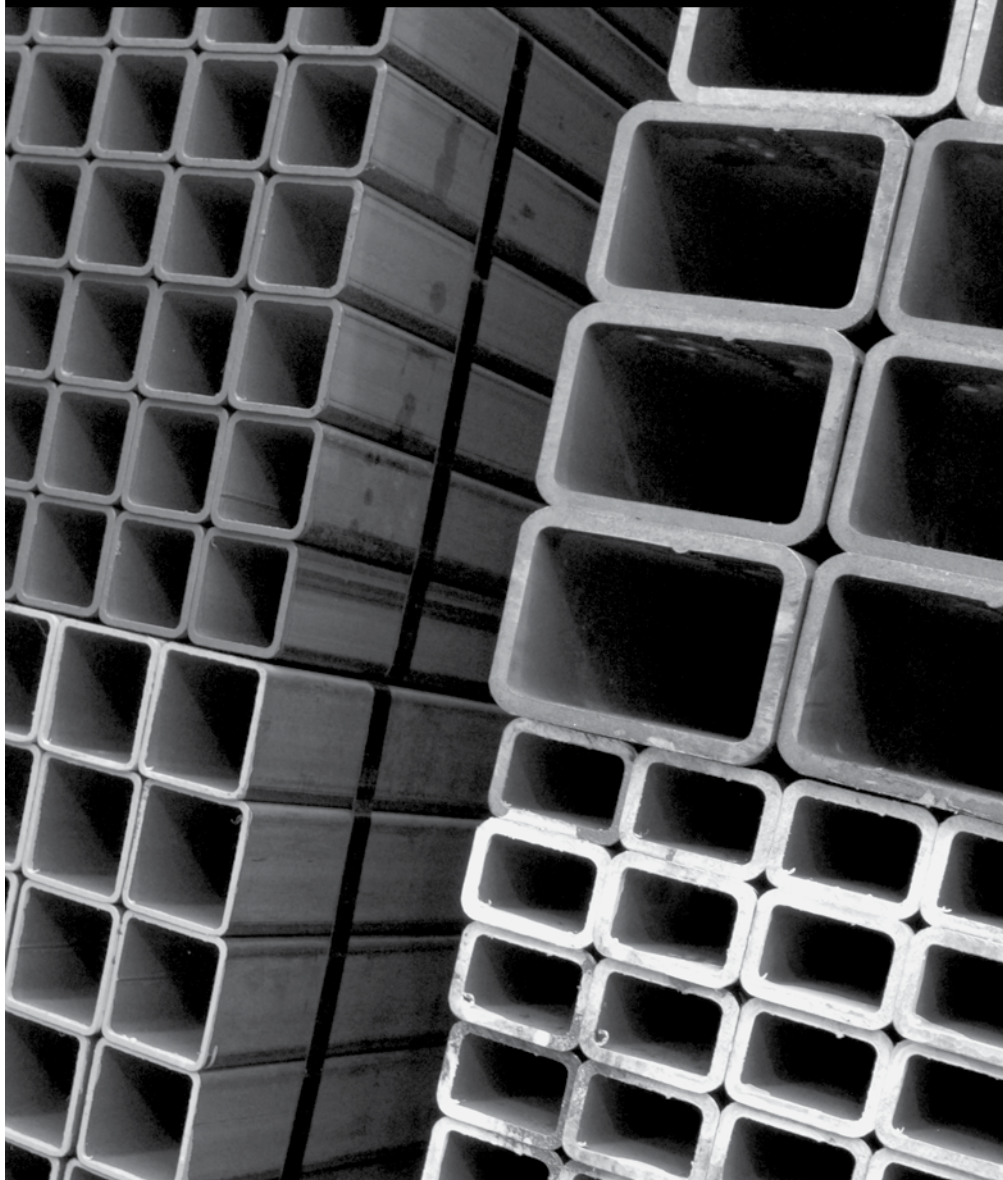


# Hollow Sections



# Hollow Sections



## RECTANGULAR/SQUARE HOLLOW SECTIONS

**Product Shortname:** RHS

**Specifications:** AS1163 Grade min C350L0  
ASTM-A500 Grade A/B/C  
Mill Finish: Available uncoated or painted

**Product Range Available:**

| Square Hollow Sections |             |                  |             |
|------------------------|-------------|------------------|-------------|
| Size                   | Mass (kg/m) | Size             | Mass (kg/m) |
| 20 x 20 x 1.6          | 0.87        | 100 x 100 x 4.0  | 11.60       |
| 25 x 25 x 1.6          | 1.12        | 100 x 100 x 5.0  | 14.20       |
| 25 x 25 x 2.0          | 1.36        | 100 x 100 x 6.0  | 16.70       |
| 25 x 25 x 2.5          | 1.64        | 100 x 100 x 8.0  | 21.40       |
| 25 x 25 x 3.0          | 1.89        | 100 x 100 x 9.0  | 23.50       |
| 30 x 30 x 1.6          | 1.38        | 100 x 100 x 10.0 | 25.60       |
| 30 x 30 x 2.0          | 1.68        | 125 x 125 x 4.0  | 14.80       |
| 30 x 30 x 2.5          | 2.03        | 125 x 125 x 5.0  | 18.20       |
| 30 x 30 x 3.0          | 2.36        | 125 x 125 x 6.0  | 21.40       |
| 35 x 35 x 1.6          | 1.63        | 125 x 125 x 8.0  | 27.70       |
| 35 x 35 x 2.0          | 1.99        | 125 x 125 x 9.0  | 30.60       |
| 35 x 35 x 2.5          | 2.42        | 125 x 125 x 10.0 | 33.40       |
| 35 x 35 x 3.0          | 2.83        | 150 x 150 x 5.0  | 22.10       |
| 35 x 35 x 4.0          | 3.46        | 150 x 150 x 6.0  | 26.20       |
| 40 x 40 x 1.6          | 1.88        | 150 x 150 x 8.0  | 33.90       |
| 40 x 40 x 2.0          | 2.31        | 150 x 150 x 9.0  | 37.70       |
| 40 x 40 x 2.5          | 2.82        | 150 x 150 x 10.0 | 41.30       |
| 40 x 40 x 3.0          | 3.30        | 200 x 200 x 5.0  | 29.90       |
| 40 x 40 x 4.0          | 4.09        | 200 x 200 x 6.0  | 35.60       |
| 50 x 50 x 1.6          | 2.38        | 200 x 200 x 8.0  | 46.50       |
| 50 x 50 x 2.0          | 2.93        | 200 x 200 x 9.0  | 51.80       |
| 50 x 50 x 2.5          | 3.60        | 200 x 200 x 10.0 | 57.00       |
| 50 x 50 x 3.0          | 4.25        | 200 x 200 x 12.5 | 69.40       |
| 50 x 50 x 4.0          | 5.35        | 200 x 200 x 16.0 | 85.50       |
| 50 x 50 x 5.0          | 6.39        | 250 x 250 x 6.0  | 45.00       |
| 50 x 50 x 6.0          | 7.32        | 250 x 250 x 8.0  | 59.10       |
| 65 x 65 x 2.0          | 3.88        | 250 x 250 x 9.0  | 65.90       |
| 65 x 65 x 2.5          | 4.78        | 250 x 250 x 10.0 | 72.70       |
| 65 x 65 x 3.0          | 5.66        | 250 x 250 x 12.5 | 89.00       |
| 65 x 65 x 4.0          | 7.23        | 250 x 250 x 16.0 | 111.00      |
| 65 x 65 x 5.0          | 8.75        | 300 x 300 x 8.0  | 71.60       |
| 65 x 65 x 6.0          | 10.10       | 300 x 300 x 10.0 | 88.40       |
| 75 x 75 x 2.5          | 5.56        | 300 x 300 x 12.5 | 109.00      |
| 75 x 75 x 3.0          | 6.60        | 300 x 300 x 16.0 | 136.00      |
| 75 x 75 x 3.5          | 7.53        | 350 x 350 x 8.0  | 84.20       |
| 75 x 75 x 4.0          | 8.49        | 350 x 350 x 10.0 | 104.00      |
| 75 x 75 x 5.0          | 10.30       | 350 x 350 x 12.5 | 128.00      |
| 75 x 75 x 6.0          | 12.00       | 350 x 350 x 16.0 | 161.00      |
| 89 x 89 x 3.5          | 9.07        | 400 x 400 x 10.0 | 120.00      |
| 89 x 89 x 5.0          | 12.50       | 400 x 400 x 12.5 | 148.00      |
| 89 x 89 x 6.0          | 14.70       | 400 x 400 x 16.0 | 186.00      |
| 100 x 100 x 3.0        | 8.96        |                  |             |

| Rectangular Hollow Sections |             |                  |             |
|-----------------------------|-------------|------------------|-------------|
| Size                        | Mass (kg/m) | Size             | Mass (kg/m) |
| 50 x 25 x 1.6               | 1.75        | 150 x 50 x 5.0   | 14.20       |
| 50 x 25 x 2.0               | 2.15        | 150 x 75 x 9.0   | 27.60       |
| 50 x 25 x 2.5               | 2.62        | 150 x 100 x 4.0  | 14.80       |
| 50 x 25 x 3.0               | 3.07        | 150 x 100 x 5.0  | 18.20       |
| 65 x 35 x 2.0               | 2.93        | 150 x 100 x 6.0  | 21.40       |
| 65 x 35 x 2.5               | 3.60        | 150 x 100 x 8.0  | 27.70       |
| 65 x 35 x 3.0               | 4.25        | 150 x 100 x 9.0  | 30.60       |
| 65 x 35 x 4.0               | 5.35        | 150 x 100 x 10.0 | 33.40       |
| 75 x 25 x 1.6               | 2.38        | 152 x 76 x 5.0   | 16.40       |
| 75 x 25 x 2.0               | 2.93        | 152 x 76 x 6.0   | 19.40       |
| 75 x 25 x 2.5               | 3.60        | 200 x 100 x 4.0  | 17.90       |
| 75 x 40 x 3.0               | 4.95        | 200 x 100 x 5.0  | 22.10       |
| 75 x 40 x 4.0               | 6.29        | 200 x 100 x 6.0  | 26.20       |
| 75 x 50 x 2.0               | 3.72        | 200 x 100 x 8.0  | 33.90       |
| 75 x 50 x 2.5               | 4.58        | 200 x 100 x 9.0  | 37.70       |
| 75 x 50 x 3.0               | 5.42        | 200 x 100 x 10.0 | 41.30       |
| 75 x 50 x 4.0               | 6.92        | 250 x 150 x 5.0  | 29.90       |
| 75 x 50 x 5.0               | 8.35        | 250 x 150 x 6.0  | 35.60       |
| 75 x 50 x 6.0               | 9.67        | 250 x 150 x 8.0  | 46.50       |
| 76 x 38 x 2.5               | 4.15        | 250 x 150 x 9.0  | 51.80       |
| 76 x 38 x 3.0               | 4.90        | 250 x 150 x 10.0 | 57.00       |
| 76 x 38 x 4.0               | 6.23        | 250 x 150 x 12.5 | 69.40       |
| 100 x 50 x 2.0              | 4.50        | 250 x 150 x 16.0 | 85.50       |
| 100 x 50 x 2.5              | 5.56        | 300 x 200 x 6.0  | 45.00       |
| 100 x 50 x 3.0              | 6.60        | 300 x 200 x 8.0  | 59.10       |
| 100 x 50 x 3.5              | 7.53        | 300 x 200 x 10.0 | 72.70       |
| 100 x 50 x 4.0              | 8.49        | 300 x 200 x 12.5 | 89.00       |
| 100 x 50 x 5.0              | 10.30       | 300 x 200 x 16.0 | 111.00      |
| 100 x 50 x 6.0              | 12.00       | 350 x 250 x 6.0  | 54.40       |
| 102 x 76 x 3.5              | 9.07        | 350 x 250 x 8.0  | 71.60       |
| 102 x 76 x 5.0              | 12.50       | 350 x 250 x 10.0 | 88.40       |
| 102 x 76 x 6.0              | 14.70       | 350 x 250 x 12.5 | 109.00      |
| 125 x 75 x 3.0              | 8.96        | 350 x 250 x 16.0 | 136.00      |
| 125 x 75 x 4.0              | 11.60       | 400 x 200 x 8.0  | 71.60       |
| 125 x 75 x 5.0              | 14.20       | 400 x 200 x 10.0 | 88.40       |
| 125 x 75 x 6.0              | 16.70       | 400 x 200 x 12.5 | 109.00      |
| 127 x 51 x 3.5              | 9.07        | 400 x 200 x 16.0 | 136.00      |
| 127 x 51 x 5.0              | 12.50       | 400 x 300 x 8.0  | 84.20       |
| 127 x 51 x 6.0              | 14.70       | 400 x 300 x 10.0 | 104.00      |
| 150 x 50 x 3.0              | 8.96        | 400 x 300 x 12.5 | 128.00      |
| 150 x 50 x 4.0              | 11.60       | 400 x 300 x 16.0 | 161.00      |

Available on indent

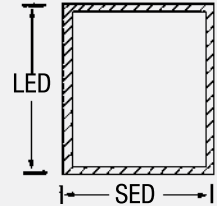
Standard length available is 8.0m. 12.0m lengths available in some larger sizes. Other sizes and lengths are available on indent. Standard finishes are painted and finish (uncoated or lightly oiled).

# Hollow Sections

## PRE-GAL RHS / SHS

**Product Shortname:** GRHS

A uniform coating of zinc, with a minimum mass of 100g/m<sup>2</sup> on BOTH the outside and the inside gives protection for many applications.

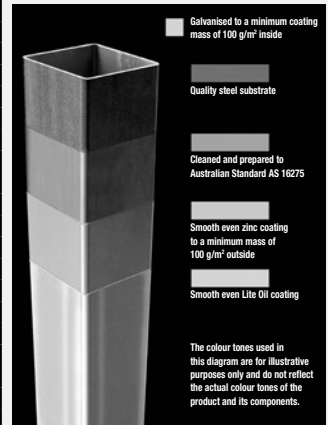


**Specifications:**

AS 1163 Grade min C350L0  
AS/NZS 4792 Galvanised coatings on ferrous hollow sections

**Size Range Available:**

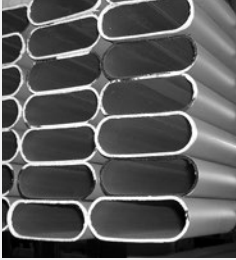
| Rectangle Size | Mass (kg/m) | Square Size    | Mass (kg/m) | Square Size     | Mass (kg/m) |
|----------------|-------------|----------------|-------------|-----------------|-------------|
| 50 x 25 x 1.6  | 1.75        | 125 x 75 x 5.0 | 14.2        | 50 x 50 x 1.6   | 2.38        |
| 50 x 25 x 2.0  | 2.15        | 150 x 50 x 3.0 | 8.96        | 50 x 50 x 2.0   | 2.93        |
| 50 x 25 x 2.5  | 2.62        | 150 x 50 x 4.0 | 11.6        | 50 x 50 x 2.5   | 3.60        |
| 50 x 25 x 3.0  | 3.07        | 150 x 50 x 5.0 | 14.2        | 50 x 50 x 3.0   | 4.25        |
| 65 x 35 x 2.0  | 2.93        | 20 x 20 x 1.6  | 0.87        | 50 x 50 x 4.0   | 5.35        |
| 65 x 35 x 2.5  | 3.60        | 20 x 20 x 2.0  | 1.05        | 50 x 50 x 5.0   | 6.39        |
| 65 x 35 x 3.0  | 4.25        | 25 x 25 x 1.6  | 1.12        | 65 x 65 x 1.6   | 3.13        |
| 75 x 25 x 1.6  | 2.38        | 25 x 25 x 2.0  | 1.36        | 65 x 65 x 2.0   | 3.88        |
| 75 x 25 x 2.0  | 2.93        | 25 x 25 x 2.5  | 1.64        | 65 x 65 x 2.5   | 4.78        |
| 75 x 25 x 2.5  | 3.60        | 25 x 25 x 3.0  | 1.89        | 65 x 65 x 3.0   | 5.66        |
| 75 x 50 x 2.0  | 3.72        | 25 x 25 x 3.0  | 1.89        | 65 x 65 x 5.0   | 8.75        |
| 75 x 50 x 2.5  | 4.58        | 30 x 30 x 1.6  | 1.38        | 65 x 65 x 6.0   | 10.2        |
| 75 x 50 x 3.0  | 5.42        | 30 x 30 x 2.0  | 1.68        | 75 x 75 x 2.0   | 4.50        |
| 75 x 50 x 4.0  | 6.92        | 30 x 30 x 2.5  | 2.03        | 75 x 75 x 2.5   | 5.56        |
| 75 x 50 x 5.0  | 8.35        | 30 x 30 x 3.0  | 2.36        | 75 x 75 x 3.0   | 6.60        |
| 100 x 50 x 2.0 | 4.50        | 35 x 35 x 1.6  | 1.63        | 75 x 75 x 3.5   | 7.53        |
| 100 x 50 x 2.5 | 5.56        | 35 x 35 x 2.0  | 1.99        | 75 x 75 x 4.0   | 8.49        |
| 100 x 50 x 3.0 | 6.60        | 35 x 35 x 2.5  | 2.42        | 75 x 75 x 5.0   | 10.3        |
| 100 x 50 x 3.5 | 7.53        | 35 x 35 x 3.0  | 2.83        | 89 x 89 x 2.0   | 5.38        |
| 100 x 50 x 4.0 | 8.49        | 40 x 40 x 1.6  | 1.88        | 89 x 89 x 3.5   | 9.07        |
| 100 x 50 x 5.0 | 10.3        | 40 x 40 x 2.0  | 2.31        | 89 x 89 x 5.0   | 12.5        |
| 102 x 76 x 3.5 | 9.06        | 40 x 40 x 2.5  | 2.82        | 100 x 100 x 3.0 | 8.96        |
| 125 x 75 x 3.0 | 8.96        | 40 x 40 x 3.0  | 3.30        | 100 x 100 x 4.0 | 11.6        |
| 125 x 75 x 4.0 | 11.6        | 40 x 40 x 4.0  | 4.09        | 100 x 100 x 5.0 | 14.2        |



Standard length available is 8.0m. Other lengths are available on indent.

**Welding Information:** No special treatment is required prior to welding. SupaGal's carbon equivalent of not greater than 0.39 allows it to be welded without preheat.

# Hollow Sections

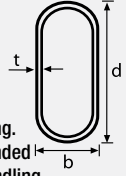


## CATTLE RAIL

**Product Shortname:** CATR

**Product Description:**

Cattle rail, a high strength, light weight solution for stockyards and fencing. Cattle Rail provides the inherent strength of tubular steel in a unique rounded profile which significantly reduces the risk of damage to stock during handling.

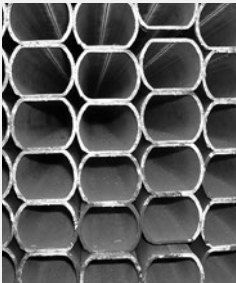


**Specifications:** AS 1163 Grade C350LO / AS 1450 Grade C350LO

| Dimensions (d x b) (mm) | Wall thickness (t) (mm) | Mass per Metre (kg/m) |
|-------------------------|-------------------------|-----------------------|
| 53 x 35                 | 1.6                     | 1.84                  |
| 97 x 40                 | 1.6                     | 2.95                  |
| 97 x 40                 | 2.0                     | 3.65                  |
| 115 x 42                | 2.0                     | 4.29                  |
| 115 x 42                | 2.5                     | 5.30                  |

Standard length is 6.1 metres. Available in painted, no coat or Supagal finish.

**Only available on an indent basis.**



## UNIRAIL

**Product Description:** UNI

Short for 'universal' application rail, Unirail has flat surfaces for better connectivity and rounded surfaces for aesthetics. Unirail is ideal for various end use applications including signage, posts, fence rails, handrails, seating and structural elements in vehicle frames.

**Specifications:** AS 1163 C350LO

| Dimensions (d x b) (mm) | Wall thickness (t) (mm) | Mass per Metre (kg/m) |
|-------------------------|-------------------------|-----------------------|
| 60 x 48                 | 2.0                     | 2.65                  |
| 60 x 48                 | 2.5                     | 3.56                  |

Standard length is 6.1m. Available in painted, no coat or Supagal finish.  
Only available on an indent basis.



## SILO SECTION

**Product Description:** SILO

Ideal for silos, bins and various structural and mechanical applications.

**Specifications:** AS 1163 C350LO/C450LO

| Dimensions (d x b) (mm) | Wall thickness (t) (mm) | Mass per Metre (kg/m) |
|-------------------------|-------------------------|-----------------------|
| 75 x 64                 | 2.5                     | 4.75                  |
| 75 x 64                 | 3.0                     | 5.62                  |

Standard length is 6.1m. Available in painted, no coat or Supagal finish.  
Only available on an indent basis.