



Free from Corrosion, Friend of Construction

High Quality Steel Hollow Sections with 120 GSM Pure Zinc Coating and Superior Finish. Great for Structural and Load-bearing Applications.



Production Process

- 1

It begins with pre-galvanized sheets from HR coils, which have a 120 GSM zinc coating.
- 2

They are processed through the MIG welder while ensuring a steady flow from the coil accumulator, resulting in the formation of structural tubes through continuous welding. The High Frequency Induction Welding (HFIW) process is employed.
- 3

Zinc is sprayed on the welding line of the outer surface of the tube, uniformly covering the welding line.
- 4

This process yields a product with uniform material strength and dimensions.



Advantages:

-  **HIGH CORROSION RESISTANCE**

The 120 GSM Zinc coating, smooth profile, and minimal surface exposure prevent dust and moisture build-up, ensuring lasting durability.
-  **HIGH STRENGTH**

Its high strength-to-weight ratio ensures superior load-bearing capacity.
-  **GREAT FOR DESIGNS**

Tata Structura tubes offer great flexibility and design possibilities.
-  **EASY TO PAINT**

Its carefully crafted rough surface facilitates easy painting.
-  **SUPERIOR FINISH**

It features smooth ends for a seamless fit, reduced wastage and costs, and enhanced safety during handling.
-  **STRONG WELDING JOINTS**

Its low carbon content ensures superb strength in welded joints.
-  **LIGHT WEIGHT**

Its lightweight design reduces transport and handling costs while ensuring strength and affordability.
-  **UNIQUE STRAIGHTNESS**

It is engineered with remarkable straightness, ensuring precise alignment.



FENCE

Use for

- Grille
- Green House Shade
- Tractor Shade
- Crop Shade
- Gates
- Roof Shade
- Fence
- Handrail



GREEN HOUSE SHADE



GATES



HANDRAIL



SHADE





PERGOLA



ROOF SHED

Product Parameters

CIRCULAR HOLLOW SECTION TUBE WEIGHT IN KG/METRE

Size Dimension (mm*mm)	Thickness mm				
	1.2	1.4	1.6	1.8	2.0
15 NB			0.78	0.87	0.95
20 NB			1	1.11	1.23
25 NB	0.81	1.11	1.27	1.42	1.56
32 NB	1.22	1.42	1.61	1.8	1.99
40 NB	0.84	1.62	1.84	2.06	2.28
50 NB	1.06	2.03	2.32	2.6	2.88
65NB			2.94	3.3	3.66
80 NB			3.44	3.87	4.29

SQUARE HOLLOW SECTION TUBE WEIGHT IN KG/METRE

Size Dimension (mm*mm)	Thickness mm				
	1.2	1.4	1.6	1.8	2.0
20×20			0.87	0.96	1.05
25×25	0.87	1	1.12	1.25	1.36
32×32	1.13	1.31	1.48	1.64	1.8
38×38	1.36	1.57	1.78	1.98	2.18
40×40	1.43	1.66	1.88	2.09	2.31
50×50	1.81	2.1	2.38	2.66	2.93
60×60			2.88	3.22	3.56
72×72			3.49	3.9	4.32

RECTANGULAR HOLLOW SECTION TUBE WEIGHT IN KG/METRE

Size Dimension (mm*mm)	Thickness mm				
	1.2	1.4	1.6	1.8	2.0
40×10			1.12	1.25	1.36
40×20	1.06	1.22	1.38	1.53	1.68
50×25	1.34	1.55	1.75	1.95	2.15
60×40	1.81	2.1	2.38	2.66	2.93
75×25	1.81	2.1	2.38	2.66	2.93
80×40	2.19	2.54	2.88	3.22	3.56
96×48		3.2	3.49	3.9	4.32

Product Parameters

LENGTH: 6 m. Tolerance +/- 50 mm

END FINISH: Smooth End Burr

QUALITY: +/- 10%

IDENTIFICATION: Marking of Tata Structura GP Tube emblem on all tubes

PACKAGING: Organized in square or hexagonal bundles, each secured with four metal straps. The straps are 1 m apart, with the end straps positioned 1 meter from their respective ends.

