**STEEL IMPEX INDIA**

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# Square tube measured weight guide

Measure the tube or use the supplier's actual dimensions. The guide includes a calculation method and links to the relevant publishers.

## Square tube measurement checklist

| Measure or confirm | Use for the estimate |
|---|---|
| **Outside side A** | Use outside dimensions in millimetres. |
| **Wall thickness (t)** | Use the actual wall in millimetres. The wall must leave a positive opening. |
| **Material density** | Use the grade or a known density in g/cm3. |
| **Length and quantity** | Multiply kg/m by length in metres, then by the number of pieces. |

Formula: kg/m = 2t x (A + B - 2t) x density ÷ 1,000 (B = A)
Unit: Estimated kg per metre (kg/m)
Last verified: 27 November 2026
Source: IS 4923 - structural hollow steel sections
Source: IS 18573 - mechanical and decorative carbon steel hollow sections
Confirm the size-and-wall combination, grade and mass with the supplier before ordering. The sharp-corner model can overestimate the mass of a tube with formed corners.