STEEL IMPEX INDIA

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Round 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.

Round tube measurement checklist

Measure or confirm	Use for the estimate
Outside diameter (OD)	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 = pi x (OD - t) x t x density ÷ 1,000
Unit: Estimated kg per metre (kg/m)
Last verified: 27 November 2026
Source: ISO 1127 - stainless steel tubes
Source: IS 1161 - structural steel tubes
Confirm the size-and-wall combination, grade and mass with the supplier before ordering.