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SS 304 pipe weight by outside diameter and wall

Calculation guide for SS 304 pipe from the outside diameter and wall on your order or drawing.

SS 304 pipe weight from measured dimensions

Measure	Use for the estimate
Outside diameter and wall	Enter both in millimetres. The wall must leave a positive opening.
Cut length and quantity	Multiply kg/m by the length in metres and the number of pieces.

Formula: W (kg/m) = (OD - t) x t x 0.02466 x (7.93 / 7.85)
Density: SS 304 / 304L 7.93 g/cm3 (typical value)
Unit: kg per metre (kg/m)
Last verified: 23 November 2026
Source: Nippon Steel Stainless Steel catalogue S008, austenitic physical-property table pp. 4-5 and mass table pp. 20-21 (SUS304: 7.93)
The current grade-specific reference has no published SS 304 product rows. Enter the actual outside diameter and wall in the linked calculator.