GI Pipe Weight Chart 2026 – Class A, B, C Kg/m + PDF

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This GI Pipe Weight Chart 2026 provides a convenient reference for approximate weight per metre of round GI pipes in Class A, Class B and Class C. It is intended for material estimation, procurement, transportation planning and project calculations.

GI Pipe Weight Chart – Round Pipes

Nominal Size	OD (mm)	WT (mm)	Class A kg/m	Class B kg/m	Class C kg/m
1/2"	21.3	2.77	1.02	1.27	1.56
3/4"	26.7	2.87	1.28	1.58	1.94
1"	33.4	2.87	1.78	2.27	2.73
1 1/4"	42.2	3.25	2.46	3.11	3.79
1 1/2"	48.3	3.25	2.83	3.57	4.38
2"	60.3	3.65	3.68	4.63	5.56
2 1/2"	73.0	4.00	4.83	6.05	7.30
3"	88.9	4.00	5.87	7.35	8.87
4"	114.3	4.50	7.90	9.88	12.00
6"	168.3	5.49	13.00	16.20	19.90

Note: These values are reference values. Actual supplied weights can vary according to applicable standards, manufacturing tolerances, pipe dimensions and manufacturer-specific nominal weight tables.

GI Pipe Weight Calculation Formula

Weight (kg/m) = 0.02466 × WT × (OD – WT)
OD = Outside Diameter in mm
WT = Wall Thickness in mm

Total Pipe Weight Formula

Total Pipe Weight = Weight Per Meter × Total Pipe Length

Example: If a pipe weighs 7.35 kg/m and the required length is 100 m, the estimated total weight is 7.35 × 100 = 735 kg.

Class A, Class B and Class C

Class A: Generally associated with the lighter category and lower weight per metre.

Class B: Generally associated with the medium category and commonly used for general plumbing, water supply and engineering requirements.

Class C: Generally associated with the heavier category and higher weight per metre.

GI Pipe Price Reference 2026

For project estimation, GI pipe prices vary by size, class, wall thickness, manufacturer, zinc coating, quantity, steel market conditions, GST, freight and delivery location. The accompanying article uses an indicative reference range of ■65–■82 per kg. Final pricing should be confirmed with the supplier.

Important Disclaimer

This PDF is a reference guide for estimation and planning. Confirm the applicable standard, dimensions, class, coating requirements and manufacturer-certified weight before final procurement, especially for critical engineering projects.

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