

Steam Pipe Size Chart

This Steam Pipe Size Chart provides standard dimensions including nominal pipe size (NPS), outside diameter (OD), wall thickness, inside diameter (ID), and approximate steam capacity. These values help engineers and technicians choose the correct pipe size for safe and efficient steam systems.

Nominal Pipe Size (NPS)	Outside Diameter (OD) in Inches	Wall Thickness (Schedule 40) in Inches	Inside Diameter (ID) in Inches	Approx. Steam Capacity (kg/hr at 10 bar)
1/2"	0.84	0.109	0.62	150
3/4"	1.05	0.113	0.82	250
1"	1.315	0.133	1.05	400
1 1/2"	1.90	0.145	1.61	800
2"	2.375	0.154	2.07	1400
3"	3.50	0.216	3.07	3200
4"	4.50	0.237	4.03	5500
6"	6.625	0.280	6.07	12000
8"	8.625	0.322	7.98	20000
10"	10.75	0.365	10.02	30000