

Metal Protection Tube Dimensions

Comparison of Pipe Schedules

(Standard dimensions and weights)

NPS Pipe Size (DN)	Schedule	Outside Diameter in Inches	Wall Thickness in Inches	Inside Diameter in Inches	Weight Per Ft. in Lbs
1/8" (6mm)	10	.405	.049	.307	0.186
	40	.405	.068	.269	0.2447
	80	.405	.095	.215	0.3145
1/4" (8mm)	10	.540	.065	.410	0.330
	40	.540	.088	.364	0.4248
	80	.540	.119	.302	0.5351
3/8" (10mm)	10	.675	.065	.545	0.424
	40	.675	.091	.493	0.5676
	80	.675	.126	.423	0.7388
1/2" (15mm)	5	.840	.065	.710	0.5380
	10	.840	.083	.674	0.6710
	40	.840	.109	.622	0.8510
	80	.840	.147	.546	1.088
3/4" (20mm)	5	1.050	.065	.920	0.6838
	10	1.050	.083	.884	0.8572
	40	1.050	.113	.824	1.131
	80	1.050	.154	.742	1.474
1" (25mm)	5	1.315	.065	1.185	0.8678
	10	1.315	.109	1.097	1.404
	40	1.315	.133	1.049	1.679
	80	1.315	.179	.957	2.172
1-1/4" (32mm)	5	1.660	.065	1.530	1.107
	10	1.660	.109	1.422	1.806
	40	1.660	.140	1.380	2.273
	80	1.660	.191	1.278	2.997
160	1.660	.250	1.160	3.765	

NPS Pipe Size (DN)	Schedule	Outside Diameter in Inches	Wall Thickness in Inches	Inside Diameter in Inches	Weight Per Ft. in Lbs
1-1/2" (40mm)	5	1.900	.065	1.770	1.274
	10	1.900	.109	1.682	2.085
	40	1.900	.145	1.610	2.718
	80	1.900	.200	1.500	3.631
2" (50mm)	160	1.900	.281	1.338	4.859
	5	2.375	.065	2.245	1.604
	10	2.375	.109	2.157	2.638
	40	2.375	.154	2.067	3.653
2-1/2" (65mm)	80	2.375	.218	1.939	5.022
	160	2.375	.343	1.689	7.444
	5	2.875	.083	2.709	2.475
	10	2.875	.120	2.635	3.531
3" (80mm)	40	2.875	.203	2.469	5.793
	80	2.875	.276	2.323	7.661
	160	2.875	.375	2.125	10.010
	5	3.500	.083	3.334	3.029
3-1/2" (90mm)	10	3.500	.120	3.260	4.332
	40	3.500	.216	3.068	7.576
	80	3.500	.300	2.900	10.250
	160	3.500	.437	2.626	14.320
5	4.000	.083	3.834	3.472	
3-1/2" (90mm)	10	4.000	.120	3.760	4.973
	40	4.000	.226	3.548	9.109
	80	4.000	.318	3.364	12.510

Guide to Common Pipe Sizes

(Depictions are to scale, OD & ID of schedule 40 pipe)

