

HSS Round & Pipe Sizing Chart



Size (in)	Schedule	Wall (in)	Weight/ft (lbs)
0.405" OD (1/8" NPS)	10	0.049	0.190
	30	0.057	0.210
	40/STD	0.068	0.240
	80/EXH	0.095	0.310
0.540" OD (1/4" NPS)	10	0.065	0.330
	30	0.073	0.360
	40/STD	0.088	0.430
	80/EXH	0.119	0.540
0.675" OD (3/8" NPS)	10	0.065	0.420
	30	0.073	0.470
	40/STD	0.091	0.570
	80/EXH	0.126	0.740
0.84" OD (0.5 NPS)	10	0.083	0.670
	30	0.095	0.760
	40/STD	0.109	0.850
	80/EXH	0.147	1.090
	160	0.188	1.310
	XXH	0.294	1.720
1.050" OD (0.75 NPS)	10	0.083	0.857
	30	0.095	0.760
	40/STD	0.113	1.131
	80/EXH	0.154	1.480
	160	0.219	1.950
	XXH	0.308	2.440
1.315" OD (1 NPS)	10	1.090	1.404
	30	0.125	1.590
	40/STD	0.133	1.679
	80/EXH	0.179	2.172
	160	0.250	0.250
	XXH	0.358	0.382
1.5" OD		0.100	1.500
		0.125	1.840
		0.134	1.960
1.660" OD (1.25 NPS)	STD	0.100	1.670
	10	0.109	1.810
	30	0.117	1.930

		0.125	2.051
		0.134	2.186
	40	0.140	2.273
	80/EXH	0.191	2.997
	160	N/A	3.770
	XXH	N/A	5.220
1.750" OD		0.125	2.170
		0.134	2.310
1.900" OD (1.5 NPS)		0.100	1.924
	10	0.109	2.085
	30	0.125	2.372
		0.134	2.530
	40/STD	0.145	2.718
		0.188	3.432
	80/EXH	0.200	3.631
	160	0.281	4.860
	XXH	0.400	6.410
2" OD		0.100	2.030
		0.125	2.510
		0.134	2.670
		0.188	3.640
		0.250	4.68
2.25" OD		0.125	2.840
		0.134	3.030
		0.188	4.144
2.375" OD (2 NPS)	10	0.109	2.638
	30	0.125	3.007
		0.134	3.210
	40/STD	0.154	3.653
		0.188	4.385
	80/EXH	0.218	5.020
		0.250	5.674
	160	0.344	7.470
	XXH	0.436	9.040
2.5" OD		0.100	2.560
		0.125	3.174
		0.134	3.390
		0.188	4.646
		0.250	6.013

2.75" OD		0.100	2.830
		0.125	3.510
		0.134	3.750
		0.188	5.150
		0.250	6.680
2.875" OD (2.5 NPS)	10	0.120	3.531
		0.125	3.675
		0.134	3.930
	30	0.188	5.400
	40/STD	0.203	5.793
		0.250	7.015
	80/EXH	0.276	7.661
	160	0.375	10.020
	XXH	0.552	13.710
3" OD		0.125	3.840
		0.134	4.110
		0.188	5.650
		0.250	7.350
		0.313	8.980
3.500" OD (3 NPS)	10	0.120	4.332
		0.125	4.510
		0.134	4.820
	30	0.188	6.660
	40/STD	0.216	7.576
		0.250	8.680
	80/EXH	0.300	10.250
	160	0.438	14.340
	XXH	0.600	18.600
4" OD (3.5 NPS)	10	0.120	4.973
		0.125	5.180
		0.134	5.540
	30	0.188	7.661
	40/STD	0.226	9.118
		0.250	10.022
		0.313	12.330
	80/EXH	0.318	12.510
		0.375	14.530
	XXH	0.636	22.87
4.500" OD (4 NPS)	10	0.120	5.613

		0.125	5.613
		0.134	6.254
	30	0.188	8.660
	40/STD	0.237	10.790
		0.250	11.358
		0.313	14.01
	80/EXH	0.337	14.983
		0.375	16.536
	120	0.438	19.020
	160	0.531	22.530
	XXH	0.674	27.570
5" OD		0.125	6.510
		0.134	6.970
		0.188	9.660
		0.250	12.694
		0.313	15.670
		0.375	18.540
		0.500	24.05
5.500" OD		0.125	7.180
		0.134	7.690
		0.188	10.670
		0.250	14.030
		0.313	17.340
		0.375	20.530
		0.500	26.730
5.563" OD (5 NPS)	10	0.134	7.770
		0.188	10.775
		0.250	14.199
	40/STD	0.258	14.620
		0.313	17.550
	80/EXH	0.375	20.797
	120	0.500	27.062
	160	0.625	32.990
	XXH	0.750	38.590
6" OD		0.125	7.850
		0.134	8.404
		0.188	11.682
		0.250	15.370
		0.313	19.020

		0.375	22.530
		0.500	29.402
6.625" OD (6 NPS)	10	0.134	9.298
		0.156	10.790
		0.188	12.920
		0.250	17.037
	40/STD	0.280	18.990
		0.313	21.040
		0.375	25.055
	80/EXH	0.432	28.570
		0.500	32.710
	120	0.562	36.390
	160	0.719	45.390
	XXH	0.864	53.210
7" OD		0.188	13.690
		0.203	14.750
		0.215	15.590
		0.250	18.040
		0.375	26.500
		0.500	34.743
7.250" OD		0.250	18.710
		0.313	23.214
		0.375	27.564
		0.500	36.084
		0.625	44.269
7.500" OD		0.250	19.380
		0.313	24.050
		0.375	28.560
		0.500	37.420
		0.625	45.930
8.625" OD (8 NPS)	10	0.148	13.410
		0.188	16.940
	20	0.250	22.383
		0.313	27.810
	40/STD	0.322	28.580
		0.375	33.072
	60	0.406	35.670
	80EXH	0.500	43.428
	100	0.594	50.870

		0.625	53.450
	120	0.719	60.770
	140	0.812	67.820
	160	0.906	74.760
	XXH	0.875	72.490
9.625" OD (9 NPS)		0.250	25.055
		0.313	31.160
	STD	0.342	33.940
		0.375	37.081
	EXH	0.500	48.770
		0.625	60.131
10" OD		0.188	19.722
		0.250	26.060
		0.313	32.417
		0.375	38.580
		0.500	50.784
		0.625	62.645
10.750" OD (10 NPS)	10	0.165	18.670
		0.188	21.171
	20	0.250	28.061
	30	0.307	34.270
		0.313	34.922
		0.342	38.581
	40/STD	0.365	40.480
		0.375	41.591
	60/EXH	0.500	54.786
	80	0.593	64.330
		0.625	67.650
	100	0.719	77.100
	120	0.840	89.380
	140/XXH	1.000	104.230
	160	1.125	115.750
11.750" OD		0.250	30.734
		0.313	38.210
		0.375	45.600
		0.500	60.131
		0.625	74.329
12" OD		0.250	31.402
		0.313	39.100

		0.375	46.602
		0.500	61.468
		.0625	75.999
12.750" OD (12 NPS)	10	0.180	24.190
	20	0.250	33.380
		0.313	41.610
	30	0.330	43.810
	STD	0.375	49.560
	40	0.406	53.530
	EXH	0.500	65.420
	60	0.562	73.160
		0.625	81.010
	80	0.687	88.510
		0.750	96.210
	100	0.844	107.420
		0.875	111.080
	120/XXH	1.000	125.61
	140	1.125	139.810
	160	1.312	160.420
13.375" OD		.0250	35.077
		0.313	43.71
		0.375	52.114
		0.500	68.817
		0.625	85.186
14" OD (14 NPS)		0.188	27.760
	10	0.250	36.747
	20	0.313	45.800
	30/STD	0.375	54.619
	40	0.438	63.500
	EXH	0.500	72.158
	60	0.594	85.130
		0.625	89.362
	80	0.750	106.230
		0.875	122.770
	100	0.938	130.980
	120	1.094	150.930
	140	1.600	170.370
	160	1.406	189.290
16" OD (16 NPS)		0.188	31.780

	10	0.250	42.050
	20	0.312	52.320
	30/STD	0.375	62.580
	40/60/EXH	0.500	82.848
		0.625	102.724
		0.750	122.270
	80	0.844	136.740
		0.875	141.480
		1.000	160.350
	100	1.031	164.980
	120	1.219	192.610
	140	1.438	223.85
	160	1.594	245.480
18" OD (18 NPS)	10	0.250	47.437
	20	0.313	59.180
	STD	0.375	70.654
	30	0.438	82.230
	EXH	0.500	93.540
	40	0.562	104.760
		0.625	116.087
	60	0.750	138.300
		0.875	160.190
	80	0.938	171.080
		1.000	181.730
	100	1.156	208.15
	120	1.357	244.37
	140	1.562	274.48
	160	1.781	308.79
20" OD (20 NPS)	10	0.250	52.782
		0.313	65.870
	20/STD	0.375	78.672
	30/EXH	0.500	104.228
	40	0.594	123.230
		0.625	129.449
		0.750	154.340
	60	0.812	166.560
		0.875	178.890
		1.000	203.110
	80	1.031	209.060

	100	1.281	256.340
	120	1.500	296.650
	140	1.750	341.410
	160	1.969	379.530
22" OD (20 NPS)	10	0.250	58.130
	20/STD	0.375	86.960
	30/EXH	0.500	114.920
	60	0.875	197.600
	80	1.125	251.050
	100	1.375	303.160
	120	1.625	353.940
	140	1.875	403.380
	160	2.125	451.490
24" OD (NPS 24)	10	0.250	63.470
	20/STD	0.375	94.710
	EXH	0.500	125.610
	30	0.562	140.810
		0.625	156.180
	40	0.688	171.450
		0.750	186.410
		0.875	216.310
	60	0.969	238.570
		1.000	245.870
	80	1.219	296.860
	100	1.531	367.74
	120	1.812	429.790
	140	2.062	483.570
	160	2.344	542.640
26" OD (NPS 26)	10	0.312	85.680
	STD	0.375	102.720
	20	0.500	136.300
	EXH	0.500	136.600
28" OD (NPS 28)	STD	0.375	110.740
		0.500	146.990
		0.625	182.900
		0.750	218.480
		0.875	253.720
		1.000	288.630
30" OD (NPS 30)	10	0.312	99.020

	STD	0.375	118.760
	20/EXH	0.500	157.680
	30	0.625	196.260
36" OD (NPS 36)	10	0.312	119.020
	STD	0.375	142.810
	20/EXH	0.500	189.750
	30	0.625	236.350
	40	0.750	282.620
42" OD (NPS 42)	STD	0.375	166.860
	EXH	0.500	221.610
48" OD (NPS 48)	STD	0.375	190.920
	EXH	0.500	253.890