



CARBON STEEL PIPE SCHEDULE CHART

What is Carbon Steel Pipe Schedule Chart?

A **Carbon Steel Pipe Schedule Chart** is a non-dimensional number chart that dictates the wall thickness and the inside diameter of the pipe. Pipe schedules start from sch 5 and can go up to SCH 160 and XXS. The **SCH 120 Pipe Size** is suitable to carry heavy loads and pressures in stress-induced setups, while pipes of lower schedules have lower strength. Pipes of the same diameter may have different schedules and wall thicknesses like the **SCH 140 Pipe Thickness In Mm** and schedule 40 or any other configuration. The schedules for stainless steel are specified with the letter S to easily identify the grade. The higher the schedules higher their weight, as seen in the **Schedule Xs Pipe Weight**.

How to calculate pressure rating of pipe?

The pressure rating of a pipe is the maximum pressure load it can withstand at a given temperature. To calculate the **Schedule 10 Pipe Pressure Rating** or any other schedule grade Barlow's formula is used.

$$P=2St/D$$

Where P= pressure in psig,

T= nominal wall thickness in inches

D= outside diameter in inches

S=allowable stress in Psi.

Using this formula, the **SCH 60 Pipe Pressure Rating** can be calculated, and the internal pressure at minimum yield and tensile strength can be easily deciphered. The formula is very helpful, but the **Schedule 5 Carbon Steel Pipe Pressure Rating** requires much more than the formula. For all the pressure-rated components, ASME states certain requirements and designs to properly produce the grades.

Are pipe dimensions ID or OD?

The **SCH 10S Pipe Dimensions** are measured based on the nominal dimension or the ID of the pipe. Pipes are designed with looser tolerances and are less expensive. Previously the **Schedule Xxs Pipe Dimensions**, XS, and standard weight were only used. But due to the modernization industries require pipes to suit different temperatures. This is why the **Schedule 40S Steel Pipe Dimensions, along** with several other dimensions were introduced in the piping industry. The robust **Schedule 100 Steel Pipe Dimensions** range between 8 inches and can go up to 24 inches. These pipes have several variations, and the weight of these pipes also varies based on the material used in producing them.

How to measure the size of Steel Pipes?

Measuring the size of a pipe is a difficult proposition and is at times confusing. On top of it male pipes and female pipes are slightly different. To accurately find the value, you need to measure the outside or inside diameter and

compare it with pipe sizes. The **Schedule 5S Pipe Thickness** ranges between 0.065mm to 0.288mm, with the weight of the module being up to 82.7 kg/m. **Schedule 80S Pipe Thickness** helps it efficiently transmit fluids and gases. The pipes in these schedules have a wall thickness of 4.55mm, as per the pipe schedule. The **Schedule 80 Pipe Thickness In Mm** can be easily calculated utilizing the nominal pipe size conversion chart to precisely get the correct value. Similar to this, the size of the **Schedule 30 Pipe Thickness In Mm** can be easily calculated.

SCH 80S Pipe chart is based on ASME B36.10

NPS	INSIDE DIA (INCH)	OUTSIDE DIA (INCH)	WEIGHT (LB/FT)	WALL THICKNESS (INCH)
3/8	0.423"	0.675"	0.74 lb/ft	0.126"
1/2	0.546"	0.840"	1.09 lb/ft	0.147"
3/4	0.742"	1.050"	1.47 lb/ft	0.154"
1	0.957"	1.315"	2.17 lb/ft	0.179"
1-1/4	1.278"	1.660"	3.00 lb/ft	0.191"
1-1/2	1.500"	1.900"	3.63 lb/ft	0.200"
2	1.939"	2.375"	5.02 lb/ft	0.218"
14	12.500"	14.000"	106.10 lb/ft	0.750"
16	14.312"	16.000"	136.58 lb/ft	0.844"
18	16.124"	18.000"	170.87 lb/ft	0.938"
20	17.938"	20.000"	208.92 lb/ft	1.031"
24	21.562"	24.000"	296.58 lb/ft	1.219"
2-1/2	2.323"	2.875"	7.66 lb/ft	0.276"
3	2.900"	3.500"	10.25 lb/ft	0.300"
3-1/2	3.364"	4.000"	12.50 lb/ft	0.318"
4	3.826"	4.500"	14.98 lb/ft	0.337"
5	4.813"	5.563"	20.78 lb/ft	0.375"
6	5.761"	6.625"	28.57 lb/ft	0.432"
8	7.625"	8.625"	43.39 lb/ft	0.500"
10	9.562"	10.750"	64.42 lb/ft	0.594"
12	11.374"	12.75"	88.63 lb/ft	0.688"
1/8	0.215"	0.405"	0.32 lb/ft	0.095"
1/4	0.302"	0.540"	0.54 lb/ft	0.119"

View dimensions, weight and wall thickness area of Schedule 80 Pipes and Sch 60 Pipe

NPS	OUTSIDE DIA (IN)	WALL THK (IN)	INSIDE DIA (IN)	WEIGHT (LB/FT)
1-1/4	1.660"	0.191"	1.278"	3.00 lb/ft
1-1/2	1.900"	0.200"	1.500"	3.63 lb/ft
2	2.375"	0.218"	1.939"	5.02 lb/ft
12	12.75"	0.500"	11.750"	65.42 lb/ft
14	14.000"	0.500"	13.000"	72.09 lb/ft
16	16.000"	0.500"	15.000"	82.77 lb/ft
18	18.000"	0.500"	17.000"	93.45 lb/ft
20	20.000"	0.500"	19.000"	104.10 lb/ft
24	24.000"	0.500"	23.000"	125.50 lb/ft
2-1/2	2.875"	0.276"	2.323"	7.66 lb/ft
3	3.500"	0.300"	2.900"	10.25 lb/ft
3-1/2	4.000"	0.318"	3.364"	12.50 lb/ft
4	4.500"	0.337"	3.826"	14.98 lb/ft
5	5.563"	0.375"	4.813"	20.78 lb/ft
6	6.625"	0.432"	5.761"	28.57 lb/ft
8	8.625"	0.500"	7.625"	43.39 lb/ft
10	10.750"	0.500"	9.750"	54.74 lb/ft
1/8	0.405"	0.095"	0.215"	0.32 lb/ft
1/4	0.540"	0.119"	0.302"	0.54 lb/ft
3/8	0.675"	0.126"	0.423"	0.74 lb/ft

Carbon Steel Pipe Sizes - Schedule 80

NPS	INSIDE DIA (INCH)	OUTSIDE DIA (INCH)	WEIGHT (LB/FT)	WALL THICKNESS (INCH)
3/8	0.423"	0.675"	0.74 lb/ft	0.126"
1/2	0.546"	0.840"	1.09 lb/ft	0.147"
3/4	0.742"	1.050"	1.47 lb/ft	0.154"
1	0.957"	1.315"	2.17 lb/ft	0.179"
1-1/4	1.278"	1.660"	3.00 lb/ft	0.191"
1-1/2	1.500"	1.900"	3.63 lb/ft	0.200"
2	1.939"	2.375"	5.02 lb/ft	0.218"
14	12.500"	14.000"	106.10 lb/ft	0.750"
16	14.312"	16.000"	136.58 lb/ft	0.844"
18	16.124"	18.000"	170.87 lb/ft	0.938"
20	17.938"	20.000"	208.92 lb/ft	1.031"
24	21.562"	24.000"	296.58 lb/ft	1.219"
2-1/2	2.323"	2.875"	7.66 lb/ft	0.276"
3	2.900"	3.500"	10.25 lb/ft	0.300"
3-1/2	3.364"	4.000"	12.50 lb/ft	0.318"
4	3.826"	4.500"	14.98 lb/ft	0.337"
5	4.813"	5.563"	20.78 lb/ft	0.375"
6	5.761"	6.625"	28.57 lb/ft	0.432"
8	7.625"	8.625"	43.39 lb/ft	0.500"
10	9.562"	10.750"	64.42 lb/ft	0.594"
12	11.374"	12.75"	88.63 lb/ft	0.688"
1/8	0.215"	0.405"	0.32 lb/ft	0.095"
1/4	0.302"	0.540"	0.54 lb/ft	0.119"

Schedule 60 Pipe Dimensions

Nominal sizes [Inch]	Outside Dia [milimeter]	Outside Dia [Inch]	Wall Thk [Inch]	Weights [ft/lb]	Wall Thk [milimeter]	Weights [kilogram/meter]
1/8	10.3	0.405	0.068	0.24	1.73	0.37
8	219.1	8.625	0.322	28.55	8.18	42.55
10	273.0	10.750	0.365	40.48	9.27	60.31
12	323.8	12.750	0.406	53.52	10.31	79.73
14	355.6	14	0.375	54.57	11.13	94.55
16	406.4	16	0.500	82.77	12.70	123.30
18	457.0	18	0.562	104.67	14.27	155.80
20 inch	508.0	20 inch	0.594 inch	123.11	15.09	183.42
24 inch	610.0	24 inch	0.688 inch	171.29	17.48	255.41
32 inch	813.0	32 inch	0.688 inch	230.08	17.48	342.91
1/4	13.7	0.540	0.088	0.42	2.24	0.84
1/2	21.3	0.840	0.109	0.85	2.77	1.27
3/4	26.7	1.050	0.113	1.13	2.87	1.69
1	33.4	1.315	0.133	1.68	3.38	2.50
1 1/4	42.2	1.660	0.140	2.27	3.56	3.39
1 1/2	48.3	1.900	0.145	2.72	3.68	4.05
2	60.3	2.375	0.154	3.65	3.91	5.44
2 1/2	73.0	2.875	0.203	5.79	5.16	8.63
3	88.9	3.500	0.216	7.58	5.49	11.29
3 1/2	101.6	4.000	0.226	9.11	5.74	13.57
4	114.3	4.500	0.237	10.79	6.02	16.07
5	141.3	5.563	0.258	14.62	6.55	21.77
6	168.3	6.625	0.280	18.97	7.11	28.26

**Check and wall thickness, weight chart & pressure rating of SCH 10 Pipes and Tubes
Schedule 10S Carbon Steel Pipe Dimension**

Nominal sizes [inches]	Weight [lb/ft]	Outside Dia [Milimeter]	Outside Dia [inches]	Wall Thk [mm]	Wall Thk [inches]	Weight [kg/m]
8" NPS200	13.5	219.1	8.625	3.76	0.148	20.1
10" NPS250	18.79	273.1	10.75	4.19	0.165	27.96
12" NPS300	24.34	323.9	12.75	4.57	0.18	36.22
14" NPS350	27.97	355.6	14.0	4.78	0.188	41.62
16" NPS400	32.02	406.4	16.0	4.78	0.188	47.65
18" NPS450	36.05	457.0	18.0	4.78	0.188	53.65
20" NPS500	46.42	508.0	20.0	5.54	0.218	69.09
22" NPS550	51.14	559.0	22.0	5.54	0.219	76.1
24" NPS600	63.93	610.0	24.0	6.35	0.25	95.13
30" NPS750	99.6	762.0	30.0	7.92	0.312	148.22
1/2" NPS15	0.67	21.3	0.84	2.11	0.083	1.0
3/4" NPS20	0.87	26.7	1.05	2.11	0.083	1.29
1" NPS25	1.41	33.4	1.32	2.77	0.109	2.11
1 1/4" NPS32	1.82	42.2	1.66	2.77	0.109	2.71
1 1/2" NPS40	2.1	48.3	1.9	2.77	0.109	3.13
2" NPS50	2.66	60.3	2.375	2.77	0.109	3.96
2 1/2" NPS65	3.56	73.0	2.875	3.05	0.12	5.29
3" NPS80	4.37	88.9	3.5	3.05	0.12	6.5

Nominal sizes [inches]	Weight [lb/ft]	Outside Dia [Milimeter]	Outside Dia [inches]	Wall Thk [mm]	Wall Thk [inches]	Weight [kg/m]
8" NPS200	13.5	219.1	8.625	3.76	0.148	20.1
10" NPS250	18.79	273.1	10.75	4.19	0.165	27.96
12" NPS300	24.34	323.9	12.75	4.57	0.18	36.22
14" NPS350	27.97	355.6	14.0	4.78	0.188	41.62
16" NPS400	32.02	406.4	16.0	4.78	0.188	47.65
18" NPS450	36.05	457.0	18.0	4.78	0.188	53.65
20" NPS500	46.42	508.0	20.0	5.54	0.218	69.09
22" NPS550	51.14	559.0	22.0	5.54	0.219	76.1
24" NPS600	63.93	610.0	24.0	6.35	0.25	95.13
30" NPS750	99.6	762.0	30.0	7.92	0.312	148.22
3 1/2"	5.01	101.6	4.0	3.05	0.12	7.46
4" NPS100	5.66	114.3	4.5	3.05	0.12	8.42
5" NPS125	7.82	141.3	5.563	3.4	0.134	11.64
6" NPS150	9.35	168.3	6.625	3.4	0.134	13.91

View ASME B36.10 Schedule XS/ Sch XXS Pipe Pressure Rating

Carbon Steel Pipe Sizes - Schedule XS

Nominal size [inches]	Outside Dia [millimeter]	Outside Dia [inches]	Wall Thk [inches]	Weight [lb/ft]	Wall Thk [millimeter]	Weight [kg/m]
14" NPS350	355.6	14.0	1.0	138.84	25.4	206.83
16" NPS400	406.4	16.0	1.0	160.2	25.4	238.64
18" NPS450	457.0	18.0	1.0	181.56	25.4	270.34
20" NPS500	508.0	20.0	1.0	202.92	25.4	302.28
22" NPS550	559.0	22.0	1.0	224.28	25.4	334.23
24" NPS600	610.0	24.0	1.0	245.64	25.4	366.17
26" NPS650	660.0	26.0	1.0	267.0	25.4	397.49
28" NPS700	711.0	28.0	1.0	288.36	25.4	429.44
30" NPS750	762.0	30.0	1.0	309.72	25.4	461.38
32" NPS800	813.0	32.0	1.0	331.08	25.4	493.32
34" NPS850	864.0	34.0	1.0	352.44	25.4	525.27
36" NPS900	914.0	36.0	1.0	373.8	25.4	556.59
38" NPS950	965.0	38.0	1.0	395.16	25.4	588.53
40" NPS1000	1016.0	40.0	1.0	416.52	25.4	620.48
3/4" NPS20	26.7	1.05	0.308	2.44	7.82	3.64
1" NPS25	33.4	1.315	0.358	3.66	9.09	5.45
1 1/4" NPS32	42.2	1.66	0.382	5.21	9.7	7.77
1 1/2" NPS40	48.3	1.9	0.4	6.41	10.15	9.56

Nominal size [inches]	Outside Dia [milimeter]	Outside Dia [inches]	Wall Thk [inches]	Weight [lb/ft]	Wall Thk [milimeter]	Weight [kg/m]
2" NPS50	60.3	2.375	0.436	9.03	11.07	13.44
2" 1/2 NPS65	73.0	2.875	0.552	13.69	14.02	20.39
3" NPS80	88.9	3.5	0.6	18.58	15.24	27.68
4" NPS100	114.3	4.5	0.674	27.54	17.12	41.03
5" NPS125	141.3	5.563	0.75	38.55	19.05	57.43
6" NPS150	168.3	6.625	0.864	53.16	21.95	79.22
8" NPS200	219.1	8.625	0.875	72.42	22.23	107.92
10" NPS250	273.0	10.75	1.0	104.13	25.4	155.15
12" NPS300	323.8	12.75	1.0	125.49	25.4	186.97
42" NPS1050	1066.8	42.0	1.0	437.88	25.4	652.42
44" NPS1100	1117.6	44.0	1.0	459.24	25.4	684.37
46" NPS1150	1168.4	46.0	1.0	480.6	25.4	715.68
48" NPS1200	1219.2	48.0	1.0	501.96	25.4	747.63
52" NPS1300	1320.8	52.0	1.0	544.68	25.4	811.52
56" NPS1400	1422.4	56.0	1.0	587.4	25.4	874.48
60" NPS1500	1524.0	60.0	1.0	630.12	25.4	938.67
64" NPS1600	1625.6	64.0	1.0	672.84	25.4	1002.56
68" NPS1700	1727.2	68.0	1.0	715.56	25.4	1065.82
72" NPS1800	1828.8	72.0	1.0	758.28	25.4	1129.69

Carbon Steel Pipe Sizes - Schedule XXS

Nominal size [inches]	Outside Dia [inches]	Outside Outside diameter [milimeter]	Wall Thk [inches]	Wall Thk [milimeter]	Weight [lb/ft]	Weight [kg/m]
1/8" NPS8	0.405	10.3	0.095	2.41	0.31	0.47
1/4" NPS12	0.54	13.7	0.119	3.02	0.54	0.8
3/8" NPS10	0.675	17.1	0.126	3.2	0.74	1.1
1/2" NPS15	0.84	21.3	0.147	3.73	1.09	1.62
3/4" NPS20	1.05	26.7	0.154	3.91	1.47	2.2
1" NPS25	1.315	33.4	0.179	4.55	2.17	3.24
1 1/4" NPS32	1.66	42.2	0.191	4.85	3.0	4.47
1 1/2" NPS40	1.9	48.3	0.2	5.08	3.63	5.41
2" NPS50	2.375	60.3	0.218	5.54	5.02	7.48
2" 1/2 NPS65	2.875	73.0	0.276	7.01	7.66	11.41
3" NPS80	3.5	88.9	0.3	7.62	10.25	15.27
3 1/2"	4.0	101.6	0.318	8.08	12.5	18.63
4" NPS100	4.5	114.3	0.337	8.56	14.98	22.32
5" NPS125	5.563	141.3	0.375	9.53	20.78	30.97
6" NPS150	6.625	168.3	0.432	10.97	28.57	42.56
8" NPS200	8.625	219.1	0.5	12.7	43.39	64.64
10" NPS250	10.75	273.0	0.5	12.7	54.74	81.55

Nominal size [inches]	Outside Dia [inches]	Outside Outside diameter [milimeter]	Wall Thk [inches]	Wall Thk [milimeter]	Weight [lb/ft]	Weight [kg/m]
12" NPS300	12.75	323.8	0.5	12.7	65.42	97.46
14" NPS350	14.0	355.6	0.5	12.7	72.09	107.39
16" NPS400	16.0	406.4	0.5	12.7	82.77	123.3
18" NPS450	18.0	457.0	0.5	12.7	93.45	139.15
20" NPS500	20.0	508.0	0.5	12.7	104.13	155.12
22" NPS550	22.0	559.0	0.5	12.7	114.81	171.09
24" NPS600	24.0	610.0	0.5	12.7	125.49	187.06
26" NPS650	26.0	660.0	0.5	12.7	136.17	202.72
28" NPS700	28.0	711.0	0.5	12.7	146.85	218.69
30" NPS750	30.0	762.0	0.5	12.7	157.53	234.67
32" NPS800	32.0	813.0	0.5	12.7	168.21	250.64
34" NPS850	34.0	864.0	0.5	12.7	178.89	266.61
36" NPS900	36.0	914.0	0.5	12.7	189.57	282.27
38" NPS950	38.0	965.0	0.5	12.7	200.25	298.24
40" NPS1000	40.0	1016.0	0.5	12.7	210.93	314.22
42" NPS1050	42.0	1066.8	0.5	12.7	189.57	282.27
44" NPS1100	44.0	1117.6	0.5	12.7	232.29	346.16

Nominal size [inches]	Outside Dia [inches]	Outside Outside diameter [milimeter]	Wall Thk [inches]	Wall Thk [milimeter]	Weight [lb/ft]	Weight [kg/m]
46" NPS1150	46.0	1168.4	0.5	12.7	242.97	361.82
48" NPS1200	48.0	1219.2	0.5	12.7	253.65	377.79
52" NPS1300	52.0	1320.8	0.5	12.7	275.01	409.74
56" NPS1400	56.0	1422.4	0.5	12.7	296.37	441.37
60" NPS1500	60.0	1524.0	0.5	12.7	317.73	473.31
64" NPS1600	64.0	1625.6	0.5	12.7	339.09	505.26
68" NPS1700	68.0	1727.2	0.5	12.7	360.45	536.89
72" NPS1800	72.0	1828.8	0.5	12.7	381.81	568.83

Alloy & Carbon Steel SCH 5S Pipe and Schedule 40S/ Sch 120 Pipes Size Chart as per ASME B36.10

Carbon Steel Pipe Sizes - Schedule 40S

NPS	INSIDE DIA (IN)	OUTSIDE DIA (IN)	WEIGHT (LB/FT)	WALL THK (IN)
1-1/4	1.380"	1.660"	2.27 lb/ft	0.140"
1-1/2	1.610"	1.900"	2.72 lb/ft	0.145"
12	12.000"	12.75"	49.56 lb/ft	0.375"
14	13.250"	14.000"	54.57 lb/ft	0.375"
16	15.250"	16.000"	62.58 lb/ft	0.375"
18	17.250"	18.000"	70.59 lb/ft	0.375"
20	19.250"	20.000"	78.60 lb/ft	0.375"
24	23.250"	24.000"	94.62 lb/ft	0.375"
2	2.067"	2.375"	3.65 lb/ft	0.154"

NPS	INSIDE DIA (IN)	OUTSIDE DIA (IN)	WEIGHT (LB/FT)	WALL THK (IN)
1-1/4	1.380"	1.660"	2.27 lb/ft	0.140"
1-1/2	1.610"	1.900"	2.72 lb/ft	0.145"
12	12.000"	12.75"	49.56 lb/ft	0.375"
14	13.250"	14.000"	54.57 lb/ft	0.375"
16	15.250"	16.000"	62.58 lb/ft	0.375"
18	17.250"	18.000"	70.59 lb/ft	0.375"
20	19.250"	20.000"	78.60 lb/ft	0.375"
24	23.250"	24.000"	94.62 lb/ft	0.375"
2-1/2	2.469"	2.875"	5.79 lb/ft	0.203"
3	3.068"	3.500"	7.58 lb/ft	0.216"
3-1/2	3.548"	4.000"	9.11 lb/ft	0.226"
4	4.026"	4.500"	10.79 lb/ft	0.237"
5	5.047"	5.563"	14.62 lb/ft	0.258"
6	6.065"	6.625"	18.97 lb/ft	0.280"
8	7.981"	8.625"	28.55 lb/ft	0.322"
10	10.020"	10.750"	40.48 lb/ft	0.365"
1/8	0.269"	0.405"	0.25 lb/ft	0.068"
1/4	0.364"	0.540"	0.40 lb/ft	0.088"
3/8	0.493"	0.675"	0.58 lb/ft	0.091"
1/2	0.622"	0.840"	0.87 lb/ft	0.109"
3/4	0.824"	1.050"	1.20 lb/ft	0.113"
1	1.049"	1.315"	1.68 lb/ft	0.133"

Schedule 120 Steel Pipe Dimension

Nominal sizes [inches]	Outside Dia [Milimeter]	Outside Dia [inches]	Wall Thk [inches]	Weight [lb/ft]	Wall Thk [Milimeter]	Weight [kg/m]
14 Inches	355.6 MM	14.000 Inches	0.938 Inches	130.85 lb/ft	23.83 MM	194.96 kg/m
20 Inches	508.0 MM	20.000 Inches	1.281 Inches	256.10 lb/ft	32.54 MM	381.53 kg/m
22 Inches	559.0 MM	22.000 Inches	1.375 Inches	302.88 lb/ft	34.93 MM	451.42 kg/m
24 Inches	610.0 MM	24.000 Inches	1.531 Inches	367.39 lb/ft	38.89 MM	547.71 kg/m
16 Inches	406.4 MM	16.000 Inches	1.031 Inches	164.82 lb/ft	26.19 MM	245.56 kg/m
8 Inches	219.1 MM	8.625 Inches	0.594 Inches	50.95 lb/ft	15.09 MM	75.92 kg/m
10 Inches	273.0 MM	10.750 Inches	0.719 Inches	77.03 lb/ft	18.26 MM	114.75 kg/m
12 Inches	323.8 MM	12.750 Inches	0.844 Inches	107.32 lb/ft	21.44 MM	159.91 kg/m
18 Inches	457.0 MM	18.000 Inches	1.156 Inches	207.96 lb/ft	29.36 MM	309.62 kg/m

Supplier and exporter of SCH 5 Pipe in API 5L, ASTM A106/ A53 Grade B, A333 Gr 6,
A335 P22/ P11/ P9 material in India

Schedule 5 Carbon Steel Pipe Dimension

Nominal sizes [inch]	Outside Dia [millimeter]	Outside Dia [inch]	Wall Thk [inch]	Weight [lb/ft]	Wall Thk [millimeter]	Weight [kilogram/meter]
1/2	21.3	0.840	0.065	0.54	1.65	0.80
1 1/4	42.2	1.660	0.065	1.12	1.65	1.66
1 1/2	48.3	1.900	0.065	1.28	1.65	1.91
2	60.3	2.375	0.065	1.61	1.65	2.40
2 1/2	73.0	2.875	0.083	2.49	2.11	3.71
3	88.9	3.500	0.083	3.05	2.11	4.54
3 1/2	101.6	4.000	0.083	3.50	2.11	5.21
4	114.3	4.500	0.083	3.95	2.11	5.88
5	141.3	5.563	0.109	6.40	2.77	9.52
6	168.3	6.625	0.109	7.65	2.77	11.38
8	219.1	8.625	0.109	9.99	2.77	14.87
3/4	26.7	1.050	0.065	0.69	1.65	1.03
10	273.1	10.750	0.134	15.29	3.4	22.76

Nominal sizes [inch]	Outside Dia [millimeter]	Outside Dia [inch]	Wall Thk [inch]	Weight [lb/ft]	Wall Thk [millimeter]	Weight [kilogram/meter]
12	323.9	12.750	0.156	21.13	3.96	31.44
14	355.6	14.000	0.156	23.22	3.96	34.56
16	406.4	16.000	0.165	28.11	4.19	41.83
18	457.0	18.000	0.165	31.64	4.19	47.09
20	508.0	20.000	0.188	40.12	4.78	59.70
22	559.0	22.000	0.188	44.18	4.78	65.75
24	610.0	24.000	0.218	55.85	5.54	83.11
30	762.0	30.000	0.250	80.02	6.35	119.09
1	33.4	1.315	0.065	0.87	1.65	1.30

Schedule 5S Pipe Dimension

Nominal sizes [inches]	Wall Thk [millimeter]	Outside Dia [millimeter]	Outside Dia [inches]	Weight [lb/ft]	Wall Thk [inches]	Weight [kg/m]
24" NPS600	5.54	610.0	24.0	55.85	0.218	83.11
30" NPS750	6.35	762.0	30.0	80.02	0.25	119.09
1" NPS25	1.65	33.4	1.32	0.87	0.065	1.3
1 1/4" NPS32	1.65	42.2	1.66	1.12	0.065	1.66

Nominal sizes [inches]	Wall Thk [millimeter]	Outside Dia [millimeter]	Outside Dia [inches]	Weight [lb/ft]	Wall Thk [inches]	Weight [kg/m]
1 1/2" NPS40	1.65	48.3	1.9	1.28	0.065	1.91
2" NPS50	1.65	60.3	2.375	1.61	0.065	2.4
2 1/2" NPS65	2.11	73.0	2.875	2.49	0.083	3.71
3" NPS80	2.11	88.9	3.5	3.05	0.083	4.54
3 1/2"	2.11	101.6	4.0	3.5	0.083	5.21
4" NPS100	2.11	114.3	4.5	3.95	0.083	5.88
1/2" NPS15	1.65	21.3	0.84	0.54	0.065	0.8
3/4" NPS20	1.65	26.7	1.05	0.69	0.065	1.03
12" NPS300	3.96	323.9	12.75	21.13	0.156	31.44
14" NPS350	3.96	355.6	14.0	23.22	0.156	34.56
16" NPS400	4.19	406.4	16.0	28.11	0.165	41.83
18" NPS450	4.19	457.0	18.0	31.64	0.165	47.09
20" NPS500	4.78	508.0	20.0	40.12	0.188	59.7

Nominal sizes [inches]	Wall Thk [milimeter]	Outside Dia [milimeter]	Outside Dia [inches]	Weight [lb/ft]	Wall Thk [inches]	Weight [kg/m]
22" NPS550	4.78	559.0	22.0	44.18	0.188	65.75
5" NPS125	2.77	141.3	5.563	6.4	0.109	9.52
6" NPS150	2.77	168.3	6.625	7.65	0.109	11.38
8" NPS200	2.77	219.1	8.625	9.99	0.109	14.87
10" NPS250	3.4	273.1	10.75	15.29	0.134	22.76

Check SS SCH 30/ Sch 40 and Schedule 140 seamless and welded pipe od, weight and wall thickness

Schedule 30 Steel Pipe Dimension

Nominal sizes [inches]	Wall Thk [inches]	Outside Dia [inches]	Outside Dia [mm]	Wall Thk [milimeter]	Weight [kg/m]	Weight [lb/ft]
18	0,438	18,000	457,0	11,13	122,38	82,15
20	0,500	20,000	508,0	12,70	155,12	104,13
22	0,500	22,000	559,0	12,70	171,09	114,81
24	0,562	24,000	610,0	14,27	209,64	140,68
28	0,625	28,000	711,0	15,88	271,21	182,73
30	0,625	30,000	762,0	15,88	292,18	196,08
32	0,625	32,000	813,0	15,88	312,15	209,43
34	0,875	34,000	864,0	22,23	461,45	309,55
36	0,625	36,000	914,0	15,88	351,70	236,13
2	0,125	2,375	60,3	3,18	4,48	3,00
2 1/2	0,188	2,875	73,0	4,78	8,04	5,40

Nominal sizes [inches]	Wall Thk [inches]	Outside Dia [inches]	Outside Dia [mm]	Wall Thk [milimeter]	Weight [kg/m]	Weight [lb/ft]
18	0,438	18,000	457,0	11,13	122,38	82,15
20	0,500	20,000	508,0	12,70	155,12	104,13
22	0,500	22,000	559,0	12,70	171,09	114,81
24	0,562	24,000	610,0	14,27	209,64	140,68
28	0,625	28,000	711,0	15,88	271,21	182,73
30	0,625	30,000	762,0	15,88	292,18	196,08
32	0,625	32,000	813,0	15,88	312,15	209,43
34	0,875	34,000	864,0	22,23	461,45	309,55
36	0,625	36,000	914,0	15,88	351,70	236,13
1/8	0,057	0,410	10,3	1,45	0,32	0,21
1/4	0,073	0,540	13,7	1,85	0,54	0,36
3/8	0,073	0,680	17,1	1,85	0,70	0,47
1/2	0,095	0,840	21,3	2,41	1,12	0,76
3/4	0,095	1,050	26,7	2,41	1,44	0,97
1	0,114	1,320	33,4	2,90	2,18	1,46
3	0,188	3,500	88,9	4,78	9,92	6,65
3 1/2	0,188	4,000	101,6	4,78	11,41	7,65
4	0,188	4,500	114,3	4,78	12,91	8,66
8	0,277	8,625	219,1	7,04	36,81	24,70
10	0,307	10,750	273,0	7,8	51,03	34,24
12	0,330	12,750	323,8	8,38	65,20	43,77
14	0,375	14,000	355,6	9,53	81,33	54,57
16	0,375	16,000	406,4	9,53	93,27	62,58
1 1/4	0,117	1,660	42,2	2,97	2,87	1,93
1 1/2	0,125	1,900	48,3	3,18	3,53	2,37

Schedule 140 Steel Pipe Dimension

Nominal sizes [inches]	Weight [lb/ft]	Outside Dia [inches]	Wall Thk [inches]	Outside Dia [Milimeter]	Wall Thk [Milimeter]	Weight [kg/m]
18 Inches	207.96 lb/ft	18.000 Inches	1.156 Inches	457.0 MM	29.36 MM	309.62 kg/m
20 Inches	256.10 lb/ft	20.000 Inches	1.281 Inches	508.0 MM	32.54 MM	381.53 kg/m
22 Inches	302.88 lb/ft	22.000 Inches	1.375 Inches	559.0 MM	34.93 MM	451.42 kg/m
24 Inches	367.39 lb/ft	24.000 Inches	1.531 Inches	610.0 MM	38.89 MM	547.71 kg/m
8 Inches	50.95 lb/ft	8.625 Inches	0.594 Inches	219.1 MM	15.09 MM	75.92 kg/m
10 Inches	77.03 lb/ft	10.750 Inches	0.719 Inches	273.0 MM	18.26 MM	114.75 kg/m
12 Inches	107.32 lb/ft	12.750 Inches	0.844 Inches	323.8 MM	21.44 MM	159.91 kg/m
14 Inches	130.85 lb/ft	14.000 Inches	0.938 Inches	355.6 MM	23.83 MM	194.96 kg/m
16 Inches	164.82 lb/ft	16.000 Inches	1.031 Inches	406.4 MM	26.19 MM	245.56 kg/m

Exporter, stockist & supplier of SCH 10/10S Stainless Steel Pipe in Grade 316, 304, 304L, 316L and many others in India

Schedule 100 Steel Pipe Dimension

Nominal sizes [inches]	Outside Dia [Milimeter]	Outside Dia [inches]	Wall Thk [inches]	Weight [lb/ft]	Wall Thk [Milimeter]	Weight [kg/m]
8 Inches	219.1 MM	8.625 Inches	0.594 Inches	50.95 lb/ft	15.09 MM	75.92 kg/m

Nominal sizes [inches]	Outside Dia [Milimeter]	Outside Dia [inches]	Wall Thk [inches]	Weight [lb/ft]	Wall Thk [Milimeter]	Weight [kg/m]
20 Inches	508.0 MM	20.000 Inches	1.281 Inches	256.10 lb/ft	32.54 MM	381.53 kg/m
22 Inches	559.0 MM	22.000 Inches	1.375 Inches	302.88 lb/ft	34.93 MM	451.42 kg/m
24 Inches	610.0 MM	24.000 Inches	1.531 Inches	367.39 lb/ft	38.89 MM	547.71 kg/m
10 Inches	273.0 MM	10.750 Inches	0.719 Inches	77.03 lb/ft	18.26 MM	114.75 kg/m
12 Inches	323.8 MM	12.750 Inches	0.844 Inches	107.32 lb/ft	21.44 MM	159.91 kg/m
14 Inches	355.6 MM	14.000 Inches	0.938 Inches	130.85 lb/ft	23.83 MM	194.96 kg/m
16 Inches	406.4 MM	16.000 Inches	1.031 Inches	164.82 lb/ft	26.19 MM	245.56 kg/m
18 Inches	457.0 MM	18.000 Inches	1.156 Inches	207.96 lb/ft	29.36 MM	309.62 kg/m

Schedule 10 Steel Pipe Dimension

Pipe Sizes	Schedule 10 Thickness		
	O.D.	I.D.	Wall Thickness
2-1/2	2.875	2.635	0.120
3	3.500	3.260	0.120
3-1/2	4.000	3.760	0.120
4	4.500	4.260	0.120
6	6.625	6.357	0.134
8	8.625	8.329	0.148
3/4	1.050	0.884	0.083
1	1.315	1.097	0.109
1-1/4	1.660	1.442	0.109
1-1/2	1.900	1.682	0.109
2	2.375	2.157	0.109

