



**RELIANT**  
PIPE & TUBES PVT. LTD.



**ISO 9001 :2008 CERTIFIED COMPANY**

Reliant Pipe stocks a complete inventory of carbon steel pipe, ranging in size from 1/8 inch to 48 inch OD. We carry STD, [Schedule 40](#), [Schedule 80](#), and most intermediate wall thicknesses. CW, ERW and DSAW welded and SMLS seamless Steel Pipe.

As a stocking distributor for most major domestic pipe mills, Reliant Pipe's steel pipe inventory includes many hard-to-find sizes and grades as well as all common carbon steel pipe grades and sizes. Ask about our pipe beveling, grooving, painting and coating options.

Complete Pipe Listings available on website:

CW- Continuous Weld - ERW- Electric Resistance Welded  
DSAW- Double Submerged Arc Welded - SMLS- Seamless

### PIPES SCH 5 CHART, DIMENSIONS, WEIGHT AND PIPE WALL THICKNESS

Nominal size [inches]	Outside diameter [inches]	Outside diameter [mm]	Wall thickness [inches]	Wall thickness [mm]	Weight [lb/ft]	Weight [kg/m]
1/2	0,840	21,3	0,065	1,65	0,54	0,80
3/4	1,050	26,7	0,065	1,65	0,69	1,03
1	1,320	33,4	0,065	1,65	0,87	1,30
1 1/4	1,660	42,2	0,065	1,65	1,11	1,65
1 1/2	1,900	48,3	0,065	1,65	1,28	1,91
2	2,375	60,3	0,065	1,65	1,61	2,40
2 1/2	2,875	73,0	0,083	2,11	2,47	3,69
3	3,500	88,9	0,083	2,11	3,03	4,52
3 1/2	4,000	101,6	0,083	2,11	3,47	5,18
4	4,500	114,3	0,083	2,11	3,92	5,84
5	5,563	141,3	0,109	2,77	6,36	9,47
6	6,625	168,3	0,109	2,77	7,59	11,31
8	8,625	219,1	0,109	2,77	9,93	14,79
10	10,750	273,0	0,134	3,4	15,19	22,63
12	12,750	323,8	0,156	3,96	20,98	31,25
14	14,000	355,6	0,156	3,96	23,07	34,36
16	16,000	406,4	0,165	4,19	27,90	41,56
18	18,000	457,0	0,165	4,19	31,43	46,81
20	20,000	508,0	0,188	4,78	39,78	59,25
22	22,000	559,0	0,188	4,78	43,80	65,24
24	24,000	610,0	0,218	5,54	55,37	82,47

CW- Continuous Weld - ERW- Electric Resistance Welded  
DSAW- Double Submerged Arc Welded - SMLS- Seamless

### PIPES SCH 10 CHART, DIMENSIONS, WEIGHT AND PIPE WALL THICKNESS

Nominal size [inches]	Outside diameter [inches]	Outside diameter [mm]	Wall thickness [inches]	Wall thickness [mm]	Weight [lb/ft]	Weight [kg/m]
1/8	0,410	10,3	0,049	1,24	0,19	0,28
1/4	0,540	13,7	0,065	1,65	0,33	0,49
3/8	0,680	17,1	0,065	1,65	0,42	0,63
1/2	0,840	21,3	0,083	2,11	0,67	1,00
3/4	1,050	26,7	0,083	2,11	0,86	1,28

Nominal size [inches]	Outside diameter [inches]	Outside diameter [mm]	Wall thickness [inches]	Wall thickness [mm]	Weight [lb/ft]	Weight [kg/m]
1	1,320	33,4	0,109	2,77	1,40	2,09
1 1/4	1,660	42,2	0,109	2,77	1,81	2,70
1 1/2	1,900	48,3	0,109	2,77	2,09	3,11
2	2,375	60,3	0,109	2,77	2,64	3,93
2 1/2	2,875	73,0	0,120	3,05	3,53	5,26
3	3,500	88,9	0,120	3,05	4,33	6,45
3 1/2	4,000	101,6	0,120	3,05	4,97	7,40
4	4,500	114,3	0,120	3,05	5,61	8,36
5	5,563	141,3	0,134	3,4	7,77	11,57
6	6,625	168,3	0,134	3,4	9,29	13,84
8	8,625	219,1	0,148	3,76	13,40	19,96
10	10,750	273,0	0,165	4,19	18,65	27,78
12	12,750	323,8	0,180	4,57	24,17	36,00
14	14,000	355,6	0,250	6,35	36,71	54,69
16	16,000	406,4	0,250	6,35	42,05	62,64
18	18,000	457,0	0,250	6,35	47,39	70,57
20	20,000	508,0	0,250	6,35	52,73	78,55
22	22,000	559,0	0,250	6,35	58,07	86,54
24	24,000	610,0	0,250	6,35	63,41	94,53
26	26,000	660,0	0,312	7,92	85,60	127,36
28	28,000	711,0	0,312	7,92	92,26	137,32
30	30,000	762,0	0,312	7,92	98,93	147,28
32	32,000	813,0	0,312	7,92	105,59	157,24
34	34,000	864,0	0,312	7,92	112,25	167,20
36	36,000	914,0	0,312	7,92	118,92	176,96

CW- Continuous Weld - ERW- Electric Resistance Welded  
 DSAW- Double Submerged Arc Welded - SMLS- Seamless

### PIPES SCH 20 CHART, DIMENSIONS, WEIGHT AND PIPE WALL THICKNESS

Nominal size [inches]	Outside diameter [inches]	Outside diameter [mm]	Wall thickness [inches]	Wall thickness [mm]	Weight [lb/ft]	Weight [kg/m]
8	8,625	219,1	0,250	6,35	22,36	33,31
10	10,750	273,0	0,250	6,35	28,04	41,77
12	12,750	323,8	0,250	6,35	33,38	49,73
14	14,000	355,6	0,312	7,92	45,61	67,90
16	16,000	406,4	0,312	7,92	52,27	77,83
18	18,000	457,0	0,312	7,92	58,94	87,71
20	20,000	508,0	0,375	9,53	78,60	117,15
22	22,000	559,0	0,375	9,53	86,61	129,13
24	24,000	610,0	0,375	9,53	94,62	141,12
26	26,000	660,0	0,500	12,70	136,17	202,72
28	28,000	711,0	0,500	12,70	146,85	218,69
30	30,000	762,0	0,500	12,70	157,53	234,67
32	32,000	813,0	0,500	12,70	168,21	250,64
34	34,000	864,0	0,750	19,05	266,33	396,93
36	36,000	914,0	0,500	12,70	189,57	282,27

CW- Continuous Weld - ERW- Electric Resistance Welded  
 DSAW- Double Submerged Arc Welded - SMLS- Seamless

### PIPES SCH 30 CHART, DIMENSIONS, WEIGHT AND PIPE WALL THICKNESS

Nominal size [inches]	Outside diameter [inches]	Outside diameter [mm]	Wall thickness [inches]	Wall thickness [mm]	Weight [lb/ft]	Weight [kg/m]
1/8	0,410	10,3	0,057	1,45	0,21	0,32
1/4	0,540	13,7	0,073	1,85	0,36	0,54
3/8	0,680	17,1	0,073	1,85	0,47	0,70
1/2	0,840	21,3	0,095	2,41	0,76	1,12
3/4	1,050	26,7	0,095	2,41	0,97	1,44
1	1,320	33,4	0,114	2,90	1,46	2,18
1 1/4	1,660	42,2	0,117	2,97	1,93	2,87
1 1/2	1,900	48,3	0,125	3,18	2,37	3,53
2	2,375	60,3	0,125	3,18	3,00	4,48
2 1/2	2,875	73,0	0,188	4,78	5,40	8,04
3	3,500	88,9	0,188	4,78	6,65	9,92
3 1/2	4,000	101,6	0,188	4,78	7,65	11,41
4	4,500	114,3	0,188	4,78	8,66	12,91
8	8,625	219,1	0,277	7,04	24,70	36,81
10	10,750	273,0	0,307	7,8	34,24	51,03
12	12,750	323,8	0,330	8,38	43,77	65,20
14	14,000	355,6	0,375	9,53	54,57	81,33
16	16,000	406,4	0,375	9,53	62,58	93,27
18	18,000	457,0	0,438	11,13	82,15	122,38
20	20,000	508,0	0,500	12,70	104,13	155,12
22	22,000	559,0	0,500	12,70	114,81	171,09
24	24,000	610,0	0,562	14,27	140,68	209,64
28	28,000	711,0	0,625	15,88	182,73	271,21
30	30,000	762,0	0,625	15,88	196,08	292,18
32	32,000	813,0	0,625	15,88	209,43	312,15
34	34,000	864,0	0,875	22,23	309,55	461,45
36	36,000	914,0	0,625	15,88	236,13	351,70

## PIPE DIMENSION TABLE

The table below shows the outside (O.D) and inside (I.D) diameters, as well as the wall thicknesses for various pipe sizes. The dimensions vary according to the schedule thickness (40, 10, or 5). The most common is 40; the rarest is 5.

For example, a 1-1/4 inch schedule 40 pipe size has a 1.660 inch O.D., a 1.380 inch I.D., and a 0.140 inch wall thickness. The wall thickness is the difference between the O.D. and I.D. divided by two  $\{(1.66-1.38) / 2 = 0.140\}$ .

Pipe Size	O.D., I.D., & Wall Thickness Dimensions For Given Pipe Sizes								
	Schedule 40 Thickness			Schedule 10 Thickness			Schedule 5 Thickness		
	O.D.	I.D.	Wall Thickness	O.D.	I.D.	Wall Thickness	O.D.	I.D.	Wall Thickness
3/4	1.050	0.824	0.113	1.050	0.884	0.083	1.050	0.920	0.065
1	1.315	1.049	0.133	1.315	1.097	0.109	1.315	1.185	0.065
1-1/4	1.660	1.380	0.140	1.660	1.442	0.109	1.660	1.530	0.065
1-1/2	1.900	1.610	0.145	1.900	1.682	0.109	1.900	1.770	0.065
2	2.375	2.067	0.154	2.375	2.157	0.109	2.375	2.245	0.065
2-1/2	2.875	2.469	0.203	2.875	2.635	0.120	2.875	2.709	0.083
3	3.500	3.068	0.216	3.500	3.260	0.120	3.500	3.334	0.083
3-1/2	4.000	3.548	0.226	4.000	3.760	0.120	4.000	3.834	0.083
4	4.500	4.026	0.237	4.500	4.260	0.120	4.500	4.334	0.083
6	6.625	6.065	0.280	6.625	6.357	0.134	6.625	6.407	0.109
8	8.625	7.981	0.322	8.625	8.329	0.148	8.625	8.407	0.109

\*Table values are in inches  
 \*O.D. = Outside Diameter  
 \*I.D. = Inside Diameter

**PIPES SCHEDULE 40 CHART GIVES DIMENSIONS OF STEEL PIPES  
 SCHEDULE 40. CHART INCLUDES SIZES IN INCHES AND IN MILLIMETERS.**

Nominal size [inches]	Outside diameter [inches]	Outside diameter [mm]	Wall thickness [inches]	Wall thickness [mm]	Weight [lb/ft]	Weight [kg/m]
1/8	0,405	10,3	0,068	1,73	0,24	0,37
1/4	0,540	13,7	0,088	2,24	0,42	0,84
1/2	0,840	21,3	0,109	2,77	0,85	1,27
3/4	1,050	26,7	0,113	2,87	1,13	1,69
1	1,315	33,4	0,133	3,38	1,68	2,50
1 1/4	1,660	42,2	0,140	3,56	2,27	3,39
1 1/2	1,900	48,3	0,145	3,68	2,72	4,05
2	2,375	60,3	0,154	3,91	3,65	5,44
2 1/2	2,875	73,0	0,203	5,16	5,79	8,63
3	3,500	88,9	0,216	5,49	7,58	11,29
3 1/2	4,000	101,6	0,226	5,74	9,11	13,57
4	4,500	114,3	0,237	6,02	10,79	16,07
5	5,563	141,3	0,258	6,55	14,62	21,77
6	6,625	168,3	0,280	7,11	18,97	28,26
8	8,625	219,1	0,322	8,18	28,55	42,55
10	10,750	273,0	0,365	9,27	40,48	60,31
12	12,750	323,8	0,406	10,31	53,52	79,73
14	14	355,6	0,375	11,13	54,57	94,55
16	16	406,4	0,500	12,70	82,77	123,30
18	18	457,0	0,562	14,27	104,67	155,80
20	20	508,0	0,594	15,09	123,11	183,42
24	24	610,0	0,688	17,48	171,29	255,41
32	32	813,0	0,688	17,48	230,08	342,91

CW- Continuous Weld - ERW- Electric Resistance Welded  
 DSAW- Double Submerged Arc Welded - SMLS- Seamless

**PIPES SCH 60 CHART, DIMENSIONS, WEIGHT AND PIPE WALL THICKNESS**

Nominal size [inches]	Outside diameter [inches]	Outside diameter [mm]	Wall thickness [inches]	Wall thickness [mm]	Weight [lb/ft]	Weight [kg/m]
8	8,625	219,1	0,406	10,31	35,64	53,08
10	10,750	273,0	0,500	12,7	54,74	81,55
12	12,750	323,8	0,562	14,27	73,15	108,96
14	14,000	355,6	0,594	15,09	85,05	126,71
16	16,000	406,4	0,656	16,66	107,50	160,12
18	18,000	457,0	0,750	19,05	138,17	205,74
20	20,000	508,0	0,812	20,62	166,40	247,83
22	22,000	559,0	0,875	22,23	197,41	294,25
24	24,000	610,0	0,969	24,61	238,35	355,26

CW- Continuous Weld - ERW- Electric Resistance Welded  
 DSAW- Double Submerged Arc Welded - SMLS- Seamless

**PIPES SCHEDULE 80 CHART, DIMENSIONS, WEIGHT AND PIPE WALL  
 THICKNESS**

Pipes schedule 80 chart gives dimensions of steel pipes schedule 80. Chart includes sizes in inches and in millimeters.

Nominal size [inches]	Outside diameter [inches]	Outside diameter [mm]	Wall thickness [inches]	Wall thickness [mm]	Weight [lb/ft]	Weight [kg/m]
1/8	0.405	10.3	0.095	2.41	0.31	0.47
1/4	0.54	13.7	0.119	3.02	0.54	0.8
1/2	0.84	21.3	0.147	3.73	1.09	1.62
3/4	1.05	26.7	0.154	3.91	1.47	2.2
1	1.315	33.4	0.179	4.55	2.17	3.24
1 1/4	1.66	42.2	0.191	4.85	3	4.47
1 1/2	1.9	48.3	0.2	5.08	3.63	5.41
2	2.375	60.3	0.218	5.54	5.02	7.48
2 1/2	2.875	73	0.276	7.01	7.66	11.41
3	3.5	88.9	0.3	7.62	10.25	15.27
3 1/2	4	101.6	0.318	8.08	12.5	18.63
4	4.5	114.3	0.337	8.56	14.98	22.32
5	5.563	141.3	0.375	9.53	20.78	30.97
6	6.625	168.3	0.432	10.97	28.57	42.56
8	8.625	219.1	0.5	12.7	43.39	64.64
10	10.75	273	0.594	15.09	64.43	96.01
12	12.75	323.8	0.688	17.48	88.63	132.08
14	14	355.6	0.75	19.05	106.13	158.1
16	16	406.4	0.844	21.44	136.61	203.53
18	18	457	0.938	23.83	170.92	254.55
20	20	508	1.031	26.19	208.87	311.17
24	24	610	1.125	30.96	296.58	442.08

### PIPES SCH 100 CHART, DIMENSIONS, WEIGHT AND PIPE WALL THICKNESS

Nominal size [inches]	Outside diameter [inches]	Outside diameter [mm]	Wall thickness [inches]	Wall thickness [mm]	Weight [lb/ft]	Weight [kg/m]
8	8,625	219,1	0,594	15,09	50,95	75,92
10	10,750	273,0	0,719	18,26	77,03	114,75
12	12,750	323,8	0,844	21,44	107,32	159,91
14	14,000	355,6	0,938	23,83	130,85	194,96
16	16,000	406,4	1,031	26,19	164,82	245,56
18	18,000	457,0	1,156	29,36	207,96	309,62
20	20,000	508,0	1,281	32,54	256,10	381,53
22	22,000	559,0	1,375	34,93	302,88	451,42
24	24,000	610,0	1,531	38,89	367,39	547,71

### PIPES SCH 120 CHART, DIMENSIONS, WEIGHT AND PIPE WALL THICKNESS

Nominal size [inches]	Outside diameter [inches]	Outside diameter [mm]	Wall thickness [inches]	Wall thickness [mm]	Weight [lb/ft]	Weight [kg/m]
4	4,500	114,3	0,438	11,13	19,00	28,32
5	5,563	141,3	0,500	12,7	27,04	40,28
6	6,625	168,3	0,562	14,27	36,39	54,20
8	8,625	219,1	0,719	18,26	60,71	90,44
10	10,750	273,0	0,844	21,44	89,29	133,06
12	12,750	323,8	1,000	25,4	125,49	186,97
14	14,000	355,6	1,094	27,79	150,79	224,65
16	16,000	406,4	1,219	30,96	192,43	286,64
18	18,000	457,0	1,375	34,93	244,14	363,56
20	20,000	508,0	1,500	38,10	296,37	441,49
22	22,000	559,0	1,625	41,28	353,61	527,02

Nominal size [inches]	Outside diameter [inches]	Outside diameter [mm]	Wall thickness [inches]	Wall thickness [mm]	Weight [lb/ft]	Weight [kg/m]
24	24,000	610,0	1,812	46,02	429,39	640,03

CW- Continuous Weld - ERW- Electric Resistance Welded  
 DSAW- Double Submerged Arc Welded - SMLS- Seamless

## PIPES SCH 140 CHART, DIMENSIONS, WEIGHT AND PIPE WALL THICKNESS

Nominal size [inches]	Outside diameter [inches]	Outside diameter [mm]	Wall thickness [inches]	Wall thickness [mm]	Weight [lb/ft]	Weight [kg/m]
8	8,625	219,1	0,812	20,62	67,76	100,92
10	10,750	273,0	1,000	25,4	104,13	155,15
12	12,750	323,8	1,125	28,58	139,67	208,14
14	14,000	355,6	1,250	31,75	170,21	253,56
16	16,000	406,4	1,438	36,53	223,64	333,19
18	18,000	457,0	1,562	39,67	274,22	408,26
20	20,000	508,0	1,750	44,45	341,09	508,11
22	22,000	559,0	1,875	47,63	403,00	600,63
24	24,000	610,0	2,062	52,37	483,12	720,15

CW- Continuous Weld - ERW- Electric Resistance Welded  
 DSAW- Double Submerged Arc Welded - SMLS- Seamless

## PIPES SCH 160 CHART, DIMENSIONS, WEIGHT AND PIPE WALL THICKNESS

Nominal size [inches]	Outside diameter [inches]	Outside diameter [mm]	Wall thickness [inches]	Wall thickness [mm]	Weight [lb/ft]	Weight [kg/m]
1/2	0,840	21,3	0,188	4,78	1,31	1,95
3/4	1,050	26,7	0,219	5,56	1,94	2,90
1	1,320	33,4	0,250	6,35	2,84	4,24
1 1/4	1,660	42,2	0,250	6,35	3,76	5,61
1 1/2	1,900	48,3	0,281	7,14	4,86	7,25
2	2,375	60,3	0,344	8,74	7,46	11,11
2 1/2	2,875	73,0	0,375	9,53	10,01	14,92
3	3,500	88,9	0,438	11,13	14,32	21,35
4	4,500	114,3	0,531	13,49	22,51	33,54
5	5,563	141,3	0,625	15,88	32,96	49,11
6	6,625	168,3	0,719	18,26	45,35	67,56
8	8,625	219,1	0,906	23,01	74,69	111,27
10	10,750	273,0	1,125	28,58	115,64	172,33
12	12,750	323,8	1,312	33,32	160,27	238,76

Nominal size [inches]	Outside diameter [inches]	Outside diameter [mm]	Wall thickness [inches]	Wall thickness [mm]	Weight [lb/ft]	Weight [kg/m]
14	14,000	355,6	1,406	35,71	189,11	281,70
16	16,000	406,4	1,594	40,49	245,25	365,35
18	18,000	457,0	1,781	45,24	308,50	459,37
20	20,000	508,0	1,969	50,01	379,17	564,81
22	22,000	559,0	2,125	53,98	451,06	672,26
24	24,000	610,0	2,344	59,54	542,13	808,22

Email Id : [reliant@reliant.in](mailto:reliant@reliant.in)

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