



**RELIANT**  
PIPE & TUBES PVT. LTD.  
ISO 9001 :2008 CERTIFIED COMPANY



The nominal bore is loosely related to the i/d of the pipe, there are different wall thicknesses or schedules available for each size, the o/d stays constant for each NB, the heavier the schedule of pipe the smaller the bore.

API 5L PIPE DIMENSIONS | API 51 Pipe Size in Inches | API 51 Pipe Size in mm | API 51 Pipe Sch

### Inches

NB	DN	OD (inches)	Pipe Schedule									
			SCH 5	SCH 10	SCH 20	SCH 30	SCH 40	SCH 60	SCH 80	SCH 100	SCH 120	SCH 160
3/4?	20	1.05	0.065	0.11	x	0.095	0.113	x	x	0.17	x	0.219
1?	25	1.315	0.065	0.11	x	0.114	0.133	x	x	0.2	x	0.25
1.1/2?	40	1.9	0.065	0.11	x	0.125	0.145	x	x	0.225	x	0.281
2?	50	2.375	0.065	0.12	x	x	0.154	x	x	0.25	x	0.344
2.1/2?	65	2.875	0.083	0.12	x	x	0.203	x	x	0.3	x	0.375
3?	80	3.5	0.083	0.12	x	x	0.216	x	x	0.35	x	0.438
4?	100	4.5	0.083	0.12	x	x	0.237	x	x	0.437	x	0.531
5?	125	5.563	0.109	0.12	x	x	0.258	x	x	0.5	x	0.625
6?	150	6.625	0.109	0.13	x	x	0.28	x	x	0.562	x	0.719
8?	200	8.625	0.109	0.15	0.25	0.277	0.322	0.406	0.593	0.718	0.812	0.906
10?	250	10.75	0.134	0.17	0.25	0.307	0.365	0.5	0.718	0.843	1.0	1.125
12?	300	12.75	0.165	0.18	0.25	0.33	0.406	0.5	0.843	1.0	1.125	1.312

### mm

NB	DN	OD (mm)	Pipe Schedule									
			SCH 5	SCH 10	SCH 20	SCH 30	SCH 40	SCH 60	SCH 80	SCH 100	SCH 120	SCH 160
3/4?	20	26.67	1.65	2.11	x	2.41	2.87	x	3.91	x	4.32	5.56
1?	25	33.40	1.65	2.77	x	2.90	3.38	x	4.55	x	5.08	6.35
1.1/2?	40	48.26	1.65	2.77	x	3.18	3.68	x	5.08	x	5.72	7.14
2?	50	60.32	1.65	2.77	x	x	3.91	x	5.54	x	6.35	8.74
2.1/2?	65	73.02	2.11	3.05	x	x	5.16	x	7.01	x	7.62	9.53

3?	80	88.9	2.11	3.05	x	x	5.49	x	7.62	x	8.89	11.13
4?	100	114.3	2.11	3.05	x	x	6.02	x	8.56	x	11.10	13.49
5?	125	141.3	5.77	3.4	x	x	6.55	x	9.53	x	12.70	15.88
6?	150	168.27	2.77	3.4	x	x	7.11	x	10.97	x	14.27	18.26
8?	200	219.07	2.77	3.76	6.35	7.04	8.18	12.7	12.70	15.06	18.24	23.01
10?	250	273.05	3.4	4.19	6.35	7.8	9.27	12.7	15.06	18.24	21.41	28.58
12?	300	323.85	4.19	4.57	6.35	8.38	10.31	12.7	17.45	21.41	25.40	33.32

**API 5L Specifications covers seamless and welded pipe suitable for use in conveying gas, water, oil, and other liquefied media. The attached requirements cover our offering of API 5L 45th Ed, PSL 1 Seamless and Welded; API 5L 45th Ed PSL 2 Seamless & Welded; and API 5L 45th Ed PSL2 Welded only.**

NPS (in)	Outside Diameter (in)	API 5L Pipe Schedule												
		SCH 10	SCH 20	SCH 30	SCH STD	SCH 40	SCH 60	SCH XS	SCH 80	SCH 100	SCH 120	SCH 140	SCH 160	SCH XXS
		Wall Thickness (in)												
1/8	0.405				0.068	0.068		0.095	0.095					
1/4	0.540				0.088	0.088		0.119	0.119					
3/8	0.675				0.091	0.091		0.126	0.126					
1/2	0.840				0.109	0.109		0.147	0.147				0.187	0.294
3/4	1.050				0.113	0.113		0.154	0.154				0.219	0.308
1	1.315				0.133	0.133		0.179	0.179				0.250	0.358
1 1/4	1.660				0.140	0.140		0.191	0.191				0.250	0.382
1 1/2	1.900				0.145	0.145		0.200	0.200				0.281	0.400
2	2.375				0.154	0.154		0.218	0.218				0.344	0.436
2 1/2	2.875				0.203	0.203		0.276	0.276				0.375	0.552
3	3.500				0.216	0.216		0.300	0.300				0.438	0.600



**API 5L LSAW/Hsaw/SSAW/Line Pipe/X56/Steel Pipe**

**Sizes:** Out Diameter: 73-630mm, Wall Thickness: 6-35mm

**Standard:** API 5L

**Application:** For gas, water, transportation in Petroleum and natural gas industries

**Carbon Steel Pipe/ API 5I Tube for Structural Purposes**

**Sizes:** Out Diameter: 1-1/4"-16", Wall Thickness: 0.109"-0.562"

**Standard:** ASTM A53, ASTM A106, ASTM A500/501-98, ASTM A519-98, JIS G3441-1994, JIS G3444-1994, BS EN 10210-1

**Application:** Used in the general structure and the mechanism, including construction, machinery, transportation

**API 5I ERW Oil Pipe**

**Sizes:** Out Diameter: 6.0mm-114.0mm, Wall Thickness: 1.0mm-15.0mm

**Standard:** GB3087-1999, ASTM A179, ASTM A106, JIS G3454

**Application:** Used for manufacturing superheated pipelines, the steam pipe, boiling water tube, flue tube, small flue tube, etc.

**API 5I Seamless Steel Tubes & API 5CT Oil and Gas Drill Pipe for Liquid Service**

**Sizes:** Out Diameter: 19.05-168.3mm, Wall Thickness: 2.31-14.27mm

**Standard:** ASTM A106, DIN 1629-1984, GB/T8163-1999, ASTM A53-98, JIS G3452-1998, JIS G3454-1998

**Application:** For conveying of petroleum, gas and other fluids

**API 5I Line Pipe, API 5L Pipe, Line Pipe, OCTG Pipe**

**Sizes:** Out Diameter: 73-630mm, Wall Thickness: 6-35mm

**Standard:** API 5L

**Application:** For gas, water, transportation in Petroleum and natural gas industries

**API 5I Drill Pipe, Seamless Steel Pipe API 5L Grade Made in China**

**Sizes:** Out Diameter: 2-7/8"-6-5/8", Wall Thickness: up to 0.813"

**Standard:** API 5D

**Application:** For well drilling

**API 5I Petroleum Cracking Tube & API 5L Gr. B Seamless Steel Pipe**

**Sizes:** Out Diameter: 1.315"- 20", Wall Thickness: 0.133"-0.500"

**Standard:** GB9948-1988

**Application:** For manufacturing of furnace tubes, heat exchangers and pipelines in refineries

**Specialized:** X70/API 5L Line Pipe/OCTG/Hot Rolled Smls

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