SCH Stainless Steel Pipe Wall Thickness Grade Comparison Table

OD in	DN	OD mm	SCH5S	SCH10S	SCH20S	SCH20	SCH30	SCH40S	SCH40	SCH60	SCH80S	SCH80	SCH100	SCH120	SCH140	SCH160	XXS
			mm	mm	mm	mm	mm	mm	mm	mm	1m	mm	mm	mm	mm	mm	mm
1/4"	10	17	1.2	1.6	2			2.5	2.5		3.2	3.5					
1/2"	15	22	1.6	2	2.5			3	3		4	4				5	7.5
3/4"	20	27	1.6	2	2.5			3	3		4	4				5.5	8
1"	25	34	1.6	2.8	3			3.5	3.5		4.5	4.5				6.5	9
5/4"	(32)	42	1.6	2.8	3			3.5	3.5		5	5				6.5	10
3/2"	40	48	1.6	2.8	3			4	4		5	5				7	10
2"	50	60	1.6	2.8	3.5	3.5		4	4	5	5.5	5.5		7		8.5	11
5/2"	(65)	76	2	3	3.5	4.5		5	5	6	7	7		8		9.5	14
3"	80	89	2	3	4	4.5		5.5	5.5	6.5	7.5	7.5		9		11	15
4"	100	114	2	3	4	5		6	6	7	8.5	8.5		11		14	17
5"	(125)	140	2	3.5	5	5		6.5	6.5	8	9.5	9.5		13		16	19
6"	150	168	2.8	3.5	5	5.5	6.5	7	7	9.5	11	11		14		18	22
8"	200	219	2.8	4	6.5	6.5	7	8	8	10	13	13	15	18	20	24	23
10"	250	273	3.5	4	6.5	6.5	8	9.5	9.5	13	15	15	18	22	25	28	25
12"	300	325	4	4.5	6.5	6.5	8.5	9.5	10	14	17	17	22	25	28	34	26
	350	356	4	5		8	9.5		11	15		19	24	28	32	36	
	400	406	4.5	5		8	9.5		13	17		22	26	32	36	40	
	450	457				8	11		14	19		24	30	35	40	45	
	500	508				9.5	13		15	20		26	32	38	45	50	
	550	559				9.5	13		17	22		28	35	42	48	54	
	600	610				9.5	14		18.0	25		32	38	45	52	60	

Note: SCH denotes the wall thickness class and refers to austenitic stainless steel; the outer diameters all correspond to the DN-A series. For wall thicknesses exceeding SCH80S, select the appropriate carbon steel pipe; those marked in brackets are not recommended for use.

www.YiguLu Metal