

➤ Standard for Steel Pipes

Steel Material : JIS G3101 Grade SS 400

Nominal Diameter (mm.)	Outside Diameter of Pipe and Fitting (mm.)	Length of Underground Pipe and Aboveground Pipe (m.)	Length of Sleeve Pipe (m.)	Wall Thickness		Hydrostatic Test Pressure	
				Underground Pipe and Sleeve Pipe (mm.)	Aboveground Pipe (mm.)	Underground Pipe (kg./cm. ²)	Aboveground Pipe (kg./cm. ²)
100	114.3 ± 1.6	6.00 ± 0.05	3.00 ± 0.05 6.00 ± 0.05	2.65 - 0.25	4.50 - 0.25	50	50
150	168.3 ± 1.6	6.00 ± 0.05	3.00 ± 0.05 6.00 ± 0.05	3.45 - 0.25	5.50 - 0.25	50	50
200	219.1 ± 1.6	6.00 ± 0.05	3.00 ± 0.05 6.00 ± 0.05	4.50 - 0.25	6.00 - 0.25	50	50
250	273.0 ± 1.6	6.00 ± 0.05	3.00 ± 0.05 6.00 ± 0.05	4.80 - 0.25	6.00 - 0.25	50	50
300	323.9 ± 1.6	6.00 ± 0.05	3.00 ± 0.05 6.00 ± 0.05	6.00 - 0.25	6.00 - 0.25	40	40
400	406.4 ± 1.6	9.00 ± 0.05 12.00 ± 0.05	3.00 ± 0.05 6.00 ± 0.05	6.00 - 0.25	7.90 - 0.25	35	35
500	508.0 ± 1.6	9.00 ± 0.05 12.00 ± 0.05	3.00 ± 0.05 6.00 ± 0.05	6.00 - 0.25	7.90 - 0.25	30	30
600	609.6 ± 1.6	9.00 ± 0.05 12.00 ± 0.05	3.00 ± 0.05 6.00 ± 0.05	6.00 - 0.25	11.10 - 0.25	25	25
700	711.2 ± 1.6	9.00 ± 0.05 12.00 ± 0.05	3.00 ± 0.05 6.00 ± 0.05	6.00 - 0.25	11.10 - 0.25	20	20
800	812.8 ± 1.6	9.00 ± 0.05 12.00 ± 0.05	3.00 ± 0.05 6.00 ± 0.05	7.90 - 0.25	12.70 - 0.25	20	20
900	914.4 ± 1.6	9.00 ± 0.05 12.00 ± 0.05	3.00 ± 0.05 6.00 ± 0.05	7.90 - 0.25	12.70 - 0.25	20	20
1000	1016 ± 1.6	9.00 ± 0.05 12.00 ± 0.05	3.00 ± 0.05 6.00 ± 0.05	9.50 - 0.25	12.70 - 0.25	20	20
1100	1117.6 ± 1.6	9.00 ± 0.05 12.00 ± 0.05	3.00 ± 0.05 6.00 ± 0.05	9.50 - 0.25	12.70 - 0.25	20	20
1200	1219.2 ± 1.6	9.00 ± 0.05 12.00 ± 0.05	3.00 ± 0.05 6.00 ± 0.05	11.10 - 0.25	15.90 - 0.25	20	20
1300	1320.8 ± 1.6	9.00 ± 0.05 12.00 ± 0.05	3.00 ± 0.05 6.00 ± 0.05	12.70 - 0.25	15.90 - 0.25	20	20
1400	1422.4 ± 1.6	9.00 ± 0.05 12.00 ± 0.05	3.00 ± 0.05 6.00 ± 0.05	12.70 - 0.25	19.10 - 0.25	20	20
1500	1524.0 ± 1.6	9.00 ± 0.05 12.00 ± 0.05	3.00 ± 0.05 6.00 ± 0.05	12.70 - 0.25	19.10 - 0.25	20	20
1800	1820.0 ± 3.0	9.00 ± 0.05 12.00 ± 0.05	3.00 ± 0.05 6.00 ± 0.05	15.90 - 0.25	25.40 - 0.25	20	20
2100	2120.0 ± 3.0	6.00 ± 0.05 9.00 ± 0.05	3.00 ± 0.05 6.00 ± 0.05	19.10 - 0.25	-	15	15