



Nominal Diameter (mm.)	Nominal Pipe Size (inch)	Outside Diameter (mm.)	Ud.	5S	5	10S	10	20	30	STD 40S	40	60	XS 80S	80	100	120	140	160	XXS
-	1/8	10.3	thickness mm.	-	-	1.24	1.24	-	1.45	1.73	1.73	-	2.41	2.41	-	-	-	-	-
			weights kg/m	-	-	0.30	0.30	-	0.30	0.40	0.40	-	0.50	0.50	-	-	-	-	-
-	1/4	13.7	thickness mm.	-	-	1.65	1.65	-	1.85	2.24	2.24	-	3.02	3.02	-	-	-	-	-
			weights kg/m	-	-	0.50	0.50	-	0.50	0.60	0.60	-	0.80	0.80	-	-	-	-	-
10	3/8	17.1	thickness mm.	-	-	1.65	1.65	-	1.85	2.31	2.31	-	3.20	3.20	-	-	-	-	-
			weights kg/m	-	-	0.60	0.60	-	0.70	0.90	0.90	-	1.10	1.10	-	-	-	-	-
15	1/2	21.3	thickness mm.	1.65	1.65	2.11	2.11	-	2.41	2.77	2.77	-	3.73	3.73	-	-	-	4.75	7.47
			weights kg/m	0.80	0.80	1.00	1.00	-	1.10	1.30	1.30	-	1.60	1.60	-	-	-	-	2.00
20	3/4	26.7	thickness mm.	1.65	1.65	2.11	2.11	-	2.41	2.87	2.87	-	3.91	3.91	-	-	-	5.56	7.82
			weights kg/m	1.00	1.00	1.30	1.30	-	1.40	1.70	1.70	-	2.20	2.20	-	-	-	-	2.90
25	1	33.4	thickness mm.	1.65	1.65	2.77	2.77	-	2.90	3.38	3.38	-	4.55	4.55	-	-	-	6.35	9.09
			weights kg/m	1.30	1.30	2.10	2.10	-	2.20	2.50	2.50	-	3.30	3.30	-	-	-	-	4.30
32	1 1/4	42.2	thickness mm.	1.65	1.65	2.77	2.77	-	2.97	3.56	3.56	-	4.85	4.85	-	-	-	6.35	9.70
			weights kg/m	1.70	1.70	2.70	2.70	-	2.90	3.40	3.40	-	4.50	4.50	-	-	-	-	5.70
40	1 1/2	48.3	thickness mm.	1.65	1.65	2.77	2.77	-	3.18	3.68	3.68	-	5.08	5.08	-	-	-	7.14	10.15
			weights kg/m	1.90	1.90	3.20	3.20	-	3.50	4.10	4.10	-	5.50	5.50	-	-	-	-	7.40
50	2	60.3	thickness mm.	1.65	1.65	2.77	2.77	-	3.18	3.91	3.91	-	5.54	5.54	-	-	-	8.74	11.07
			weights kg/m	2.40	2.40	4.00	4.00	-	4.50	5.50	5.50	-	7.60	7.60	-	-	-	-	11.10
65	2 1/2	73	thickness mm.	2.11	2.11	3.05	3.05	-	4.78	5.16	5.16	-	7.01	7.01	-	-	-	9.53	14.02
			weights kg/m	3.85	3.85	5.30	5.30	-	8.00	8.60	8.60	-	11.40	11.40	-	-	-	-	14.00
80	3	88.9	thickness mm.	2.11	2.11	3.05	3.05	-	4.78	5.49	5.49	-	7.62	7.62	-	-	-	11.13	15.24
			weights kg/m	4.60	4.60	6.50	6.50	-	9.90	11.30	11.30	-	15.30	15.30	-	-	-	-	21.00
-	3 1/2	101.6	thickness mm.	2.11	2.11	3.05	3.05	-	4.78	5.74	5.74	-	8.08	8.08	-	-	-	-	-
			weights kg/m	5.20	5.20	7.40	7.40	-	11.40	13.60	13.60	-	18.60	18.60	-	-	-	-	-
100	4	114.3	thickness mm.	2.11	2.11	3.05	3.05	-	4.78	6.02	6.02	-	8.56	8.56	-	11.13	-	13.49	17.12
			weights kg/m	5.80	5.80	8.40	8.40	-	12.90	16.10	16.10	-	22.30	22.30	-	28.30	-	33.50	41.00
125	5	141.3	thickness mm.	2.77	2.77	3.40	3.40	-	-	6.55	6.55	-	9.53	9.53	-	12.70	-	15.88	19.05
			weights kg/m	9.50	9.50	11.60	11.60	-	-	21.80	21.80	-	31.00	31.00	-	40.30	-	49.10	57.40
150	6	168.3	thickness mm.	2.77	2.77	3.40	3.40	-	-	7.11	7.11	-	10.97	10.97	-	14.27	-	18.26	21.95
			weights kg/m	11.30	11.30	13.80	13.80	-	-	28.30	28.30	-	42.60	42.60	-	54.20	-	67.60	79.20
200	8	219.1	thickness mm.	2.77	2.77	3.76	3.76	6.35	7.04	8.18	8.18	10.31	12.70	-	15.09	18.26	20.62	23.01	22.23
			weights kg/m	14.80	14.80	20.00	20.00	33.30	36.80	42.60	42.60	53.10	64.60	-	75.09	90.40	100.90	111.30	107.90
250	10	273.0	thickness mm.	3.40	3.40	4.19	4.19	6.35	7.80	9.27	9.27	12.70	12.70	15.09	18.26	21.44	25.40	28.58	25.40
			weights kg/m	22.60	22.60	27.80	27.80	42.40	51.80	60.30	60.30	81.60	81.60	96.00	114.80	133.10	155.20	172.30	155.20
300	12	323.8	thickness mm.	3.96	3.96	4.57	4.57	6.35	8.38	9.53	10.31	14.27	12.70	17.48	21.44	25.40	28.58	33.32	25.40
			weights kg/m	31.30	31.30	36.00	36.00	49.70	65.20	73.90	79.70	109.00	97.40	132.10	159.90	187.00	208.10	238.80	187.00
350	14	355.6	thickness mm.	3.96	3.96	4.78	6.35	7.92	9.53	9.53	11.13	15.09	12.70	19.05	23.83	27.79	31.75	35.71	-
			weights kg/m	34.40	34.40	41.30	54.70	67.90	81.30	81.30	94.60	126.70	107.40	158.10	195.00	224.70	253.50	281.70	-
400	16	406.4	thickness mm.	4.19	4.19	4.78	6.35	7.92	9.53	9.53	12.70	16.66	12.70	21.44	26.19	30.96	36.53	40.49	-
			weights kg/m	41.60	41.60	47.30	62.60	77.80	93.30	93.30	123.30	160.10	123.30	203.50	245.60	286.60	333.20	365.40	-
450	18	457	thickness mm.	4.19	4.19	4.78	6.35	7.92	11.13	9.53	14.27	19.05	12.70	23.83	29.36	34.93	39.67	45.24	-
			weights kg/m	46.80	46.80	53.30	70.60	87.70	122.40	105.20	155.80	205.70	139.20	254.60	309.60	363.60	408.30	459.40	-
500	20	508	thickness mm.	4.78	4.78	5.54	6.35	9.53	12.70	9.53	15.09	20.62	12.70	26.19	32.54	38.10	44.45	50.01	-
			weights kg/m	59.30	59.30	68.60	78.60	117.20	155.10	117.20	183.00	247.80	155.10	311.20	381.50	441.50	508.10	564.80	-
-	22	559	thickness mm.	4.78	4.78	5.54	6.35	9.53	12.70	9.53	-	22.23	12.70	28.58	34.93	41.28	47.63	53.98	-
			weights kg/m	65.20	65.20	75.50	86.50	129.10	171.10	129.10	-	299.30	171.10	373.80	451.50	527.00	600.60	672.30	-
600	24	610	thickness mm.	5.54	5.54	6.35	6.35	9.53	14.27	9.53	17.48	24.61	12.70	30.96	38.89	46.02	52.37	59.54	-
			weights kg/m	82.50	82.50	94.50	94.50	141.10	209.60	141.10	255.40	355.30	187.10	442.10	547.77	640.00	720.20	808.20	-
-	26	660.4	thickness mm.	-	-	-	7.92	12.70	-	9.53	-	-	12.70	-	-	-	-	-	-
			weights kg/m	-	-	-	129.40	205.97	-	155.32	-	-	-	205.97	-	-	-	-	-
-	28	711.2	thickness mm.	-	-	-	7.92	12.70	15.88	9.53	-	-	12.70	-	-	-	-	-	-
			weights kg/m	-	-	-	139.47	222.13	276.48	167.44	-	-	-	222.13	-	-	-	-	-
30	762.0	-	thickness mm.	6.35	-	7.92	7.92	12.70	15.88	9.53	-	-	12.70	-	-	-	-	-	-
			weights kg/m	120.15	-	149.55	149.55	238.28	296.68	179.56	-	-	-	238.28	-	-	-	-	-
32	812.8	-	thickness mm.	-	-	-	7.92	12.70	15.88	9.53	17.48	-	12.70	-	-	-	-	-	-
			weights kg/m	-	-	-	159.62	254.44	316.88	191.69	348.11	-	254.44	-	-	-	-	-	-
34	863.6	-	thickness mm.	-	-	-	7.92	12.70	15.88	9.53	17.48	-	12.70	-	-	-	-	-	-
			weights kg/m	-	-	-	169.64	270.50	336.96	203.74	370.22	-	270.50	-	-	-	-	-	-
35	914.40	-	thickness mm.	-	-	-	7.92	12.70	15.88	9.53	19.05	-	12.70	-	-	-	-	-	-
			weights kg/m	-	-	-	179.77	286.75	357.28	215.93	427.09	-	286.75	-	-	-	-	-	-