

ALBORZ SANAAT

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PIPE DIMENSION AS PER ASTM & WEIGHT-KC PER MTR. (ANSI B36.19)

nominal bore	outside diameter	sch 5		sch 10		sch 40		sch 80		sch 160		sch XXS	
		wt	weight	wt	weight	wt	weight	wt	weight	wt	weight	wt	weight
inch	mm	mm	(kq / mt)	mm	(kq / mt)	mm	(kq / mt)	mm	(kq / mt)	mm	(kq / mt)	mm	(kq / mt)
1/8	10.3	1.24	0.276	1.24	0.28	1.73	0.370	2.41	0.47	-	-	-	-
1/4	13.7	1.24	0.390	1.65	0.49	2.24	0.631	3.02	0.80	-	-	-	-
3/8	17.1	1.24	0.490	1.65	0.63	2.31	0.845	3.20	1.10	-	-	-	-
1/2	21.3	1.65	0.800	2.11	1.00	2.77	1.27	3.75	1.62	4.57	1.94	78.47	2.55
3/4	26.7	1.65	1.03	2.11	1.28	2.87	1.68	3.91	2.20	5.54	2.89	7.82	3.63
1	33.4	1.65	1.30	2.77	2.09	3.38	2.50	4.55	3.24	6.35	4.24	9.09	5.45
1 1/4	42.2	1.65	1.65	2.77	2.70	3.56	3.38	4.85	4.47	6.35	5.61	9.70	7.77
1 1/2	48.3	1.65	1.91	2.77	3.11	3.68	4.05	5.08	5.41	7.14	7.25	10.16	9.54
2	60.3	1.65	2.40	2.77	3.93	3.91	5.44	5.54	7.48	8.74	11.10	11.07	13.44
2 1/2	73.0	2.11	3.69	3.05	5.26	5.16	8.63	7.01	11.40	9.53	14.90	14.20	20.39
3	88.9	2.11	4.51	3.05	6.45	5.49	11.30	7.62	15.20	11.10	21.30	15.24	27.65
4	114.3	2.11	5.84	3.05	8.36	6.02	16.07	8.59	22.30	13.49	33.54	17.12	41.03
5	141.3	2.77	9.47	3.40	11.57	6.55	21.80	9.53	31.97	15.88	49.11	19.05	57.43
6	168.3	2.77	11.32	3.40	13.84	7.11	28.30	10.97	42.70	18.20	67.56	21.95	79.22
8	219.1	2.77	14.79	3.76	19.96	8.18	42.60	12.70	64.60	23.00	111.20	22.23	107.8
10	273.1	3.40	22.63	4.19	27.78	9.27	60.50	12.70	96.00	28.60	172.40	25.40	155.15
12	323.9	3.96	31.25	4.57	36.00	9.52	73.88	12.70	132.00	33.32	238.76	25.40	186.97
14	355.6	3.96	34.36	4.78	41.30	11.13	94.59	19.05	158.08	35.71	281.70	-	-
16	406.4	4.19	41.56	4.78	47.29	12.70	123.80	21.41	203.33	40.46	365.11	-	-
18	457.2	4.19	46.80	4.78	53.42	14.27	155.80	23.80	254.36	45.71	466.40	-	-
20	508.0	4.78	59.25	5.54	68.71	15.09	183.42	26.19	311.20	59.99	564.68	-	-
24	609.6	5.54	82.47	6.35	94.45	17.48	255.41	30.96	442.08	59.54	808.22	-	-
26	660.4	-	-	7.92	127.50	9.53	152.88	12.70	202.74	-	-	-	-
28	711.2	-	-	7.92	137.42	9.53	164.86	12.70	218.71	-	-	-	-
30	762.0	6.35	120.72	7.92	150.36	9.53	176.85	12.70	234.68	-	-	-	-