

MITESH METAL & ALLOYS

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PIPE DIMENSIONS AND WEIGHTS

Available in commercial and nuclear

U.S./METRIC

NOMINAL PIPE SIZE		OD		SCHEDULE DESIGNATIONS		WALL THICKNESS		WEIGHT		ID	
INCH	MM	ASME		INCH	MM	LBS/FOOT	KG/METER	INCH	MM		
1/8 6	0.405 10.3	10	105	0.049	1.24	0.19	0.28	0.307	7.82		
		STD 40	405	0.068	1.73	0.24	0.37	0.269	6.84		
		XS 80	805	0.095	2.41	0.31	0.47	0.215	5.84		
1/4 8	0.540 13.7	10	105	0.065	1.65	0.33	0.49	0.410	10.40		
		STD 40	405	0.088	2.24	0.43	0.63	0.364	9.22		
		XS 80	805	0.119	3.02	0.54	0.80	0.302	7.66		
3/8 10	0.675 17.1	10	105	0.065	1.65	0.42	0.63	0.545	13.80		
		STD 40	405	0.091	2.31	0.57	0.84	0.493	12.48		
		XS 80	805	0.126	3.20	0.74	1.10	0.423	10.70		
1/2 15	0.840 21.3	5	55	0.065	1.65	0.54	0.80	0.710	18.00		
		10	105	0.083	2.11	0.67	1.00	0.674	17.08		
		STD 40	405	0.109	2.77	0.85	1.27	0.622	15.76		
		XS 80	805	0.147	3.73	1.09	1.62	0.546	13.84		
		160		0.188	4.78	1.31	1.95	0.464	11.74		
		XX		0.294	7.47	1.72	2.55	0.252	6.36		
3/4 20	1.050 26.7	5	55	0.065	1.65	0.69	1.03	0.920	23.40		
		10	105	0.083	2.11	0.86	1.28	0.884	22.48		
		STD 40	405	0.113	2.87	1.13	1.69	0.824	20.96		
		XS 80	805	0.154	3.91	1.48	2.20	0.742	18.88		
		160		0.219	5.56	1.95	2.90	0.612	15.58		
		XX		0.308	7.82	2.44	3.64	0.434	11.06		
1 25	1.315 33.4	5	55	0.065	1.65	0.87	1.29	1.185	30.10		
		10	105	0.109	2.77	1.41	2.09	1.097	27.86		
		STD 40	405	0.133	3.38	1.68	2.50	1.049	26.64		
		XS 80	805	0.179	4.55	2.17	3.24	0.957	24.30		
		160		0.250	6.35	2.85	4.24	0.815	20.70		
		XX		0.358	9.09	3.66	5.45	0.599	15.22		
1-1/4 32	1.660 42.2	5	55	0.065	1.65	1.11	1.65	1.530	38.90		
		10	105	0.109	2.77	1.81	2.69	1.442	36.66		
		STD 40	405	0.140	3.56	2.27	3.39	1.380	35.08		
		XS 80	805	0.191	4.85	3.00	4.47	1.278	32.50		
		160		0.250	6.35	3.77	5.61	1.160	29.50		
		XX		0.382	9.70	5.22	7.77	0.896	22.80		
1-1/2 40	1.900 48.3	5	55	0.065	1.65	1.28	1.90	1.770	45.00		
		10	105	0.109	2.77	2.09	3.11	1.682	42.76		
		STD 40	405	0.145	3.68	2.72	4.05	1.610	40.94		
		XS 80	805	0.200	5.08	3.63	5.41	1.500	38.14		
		160		0.281	7.14	4.86	7.25	1.338	34.02		
		XX		0.400	10.15	6.41	9.55	1.100	28.00		
2 50	2.375 60.3	5	55	0.065	1.65	1.61	2.39	2.245	57.00		
		10	105	0.109	2.77	2.64	3.93	2.157	54.76		
		STD 40	405	0.154	3.91	3.66	5.44	2.067	52.48		
		XS 80	805	0.218	5.54	5.03	7.48	1.939	49.22		
		160		0.344	8.74	7.47	11.11	1.687	42.82		
		XX		0.436	11.07	9.04	13.44	1.503	38.16		
2-1/2 65	2.875 73.0	5	55	0.083	2.11	2.48	3.69	2.709	68.78		
		10	105	0.120	3.05	3.53	5.26	2.635	66.90		
		STD 40	405	0.203	5.16	5.80	8.63	2.469	62.68		
		XS 80	805	0.276	7.01	7.67	11.41	2.323	58.98		
		160		0.375	9.53	10.02	14.92	2.125	53.94		
		XX		0.552	14.02	13.71	20.39	1.771	44.96		
3 80	3.500 88.9	5	55	0.083	2.11	3.03	4.52	3.334	84.68		
		10	105	0.120	3.05	4.34	6.46	3.260	82.80		
		STD 40	405	0.216	5.49	7.58	11.29	3.068	77.92		
		XS 80	805	0.300	7.62	10.26	15.27	2.900	73.66		
		160		0.438	11.13	14.34	21.35	2.624	66.64		
		XX		0.600	15.24	18.60	27.68	2.300	58.42		
3-1/2 90	4.000 101.6	5	55	0.083	2.11	3.48	5.18	3.834	97.38		
		10	105	0.120	3.05	4.98	7.41	3.760	95.50		
		STD 40	405	0.226	5.74	9.12	13.57	3.548	90.12		
		XS 80	805	0.318	8.08	12.52	18.64	3.364	85.44		
		160		0.636	16.15	22.87	33.03	2.728	69.30		
		XX									
4 100	4.500 114.3	5	55	0.083	2.11	3.92	5.84	4.334	110.08		
		10	105	0.120	3.05	5.62	8.37	4.260	108.20		
		STD 40	405	0.156	3.96	7.24	10.78	4.188	106.38		
		XS 80	805	0.188	4.78	8.67	12.91	4.124	104.74		
		120		0.237	6.02	10.80	16.08	4.026	102.26		
		160		0.337	8.56	15.00	22.32	3.826	97.18		
		XX		0.438	11.13	19.02	28.32	3.624	92.04		
				0.531	13.49	22.53	33.54	3.438	87.32		
				0.674	17.12	27.57	41.03	3.152	80.06		
4-1/2 115	5.000 127.0	STD 40	405	0.247	6.27	12.55	18.67	4.506	114.46		
		XS 80	805	0.355	9.02	17.63	26.24	4.290	108.96		
		160		0.710	18.03	32.56	48.45	3.580	90.94		
		XX									

NOMINAL PIPE SIZE		OD		SCHEDULE DESIGNATIONS		WALL THICKNESS		WEIGHT		ID		
INCH	MM	ASME		INCH	MM	LBS/FOOT	KG/METER	INCH	MM			
5 125	5.563 141.3	5	55	0.109	2.77	6.36	9.46	5.345	135.76			
		10	105	0.134	3.40	7.78	11.56	5.295	134.50			
		STD 40	405	0.258	6.55	14.63	21.77	5.047	128.20			
		XS 80	805	0.375	9.53	20.80	30.97	4.813	122.24			
		120		0.500	12.70	27.06	40.28	4.563	115.90			
		160		0.625	15.88	32.99	49.12	4.313	109.54			
XX		0.750	19.05	38.59	57.43	4.063	103.20					
6 150	6.625 168.3	5	55	0.109	2.77	7.59	11.31	6.407	162.76			
		10	105	0.134	3.40	9.30	13.83	6.357	161.50			
		STD 40	405	0.188	4.78	12.94	19.28	6.249	158.74			
		XS 80	805	0.280	7.11	18.99	28.26	6.065	154.08			
		120		0.432	10.97	28.60	42.56	5.761	146.36			
		160		0.562	14.27	36.43	54.21	5.501	139.76			
		XX		0.719	18.26	45.39	67.57	5.187	131.78			
				0.864	21.95	53.21	79.22	4.897	124.40			
7 175	7.625 193.7	STD 40	405	0.301	7.65	23.57	35.10	7.023	178.40			
		XS 80	805	0.500	12.70	38.08	56.69	6.625	168.30			
		XX		0.875	22.23	63.14	94.00	5.875	149.24			
8 200	8.625 219.1	5	55	0.109	2.77	9.92	14.78	8.407	213.56			
		10	105	0.148	3.76	13.41	19.97	8.329	211.58			
		20		0.250	6.35	22.38	33.32	8.125	206.40			
		30		0.277	7.04	24.72	36.82	8.071	205.02			
		STD 40	405	0.322	8.18	28.58	42.55	7.981	202.74			
		60		0.406	10.31	35.67	53.09	7.813	198.48			
		XS 80	805	0.500	12.70	43.43	64.64	7.625	193.70			
		100		0.594	15.09	51.00	75.92	7.437	188.92			
		120		0.719	18.26	60.77	90.44	7.187	182.58			
		140		0.812	20.62	67.82	100.93	7.001	177.86			
XX		0.875	22.23	72.49	107.93	6.875	174.64					
160		0.906	23.01	74.76	111.27	6.813	173.08					
9 225	9.625 244.5	STD 40	405	0.342	8.69	33.94	50.54	8.941	227.12			
		XS 80	805	0.500	12.70	48.77	72.60	8.625	219.10			
		XX		0.875	22.23	81.85	121.85	7.875	200.04			
10 250	10.750 273.0	5	55	0.134	3.40	15.21	22.61	10.482	266.20			
		10	105	0.165	4.19	18.67	27.78	10.420	264.62			
		STD 40	405	0.188	4.78	21.23	31.62	10.374	263.44			
		20		0.250	6.35	28.06	41.76	10.250	260.30			
		30		0.307	7.80	34.27	51.01	10.136	257.40			
		STD 40	405	0.365	9.27	40.52	60.29	10.020	254.46			
		XS 60	805	0.500	12.70	54.79	81.53	9.750	247.60			
		80		0.594	15.09	64.49	95.98	9.562	242.82			
		100		0.719	18.26	77.10	114.71	9.312	236.48			
		120		0.844	21.44	89.38	133.01	9.062	230.12			
140		1.000	25.40	104.23	155.10	8.750	222.20					
160		1.125	28.58	115.75	172.27	8.500	215.84					
11 275	11.750 298.5	STD 40	405	0.375	9.53	45.60	67.91	11.000	279.44			
		XS 80	805	0.500	12.70	60.13	89.51	10.750	273.10			
		XX		0.875	22.23	101.72	151.46	10.000	254.04			
12 300	12.750 323.8	5	55	0.156	3.96	21.00	31.24	12.438	315.88			
		10	105	0.180	4.57	24.19	35.98	12.390	314.66			
		STD 40	405	0.188	4.78	25.25	37.61	12.374	314.24			
		20		0.250	6.35	33.41	49.71	12.250	311.10			
		30										

NOMINAL PIPE SIZE		OD	SCHEDULE DESIGNATIONS		WALL THICKNESS		WEIGHT		ID					
INCH MM	INCH MM		ASME	INCH	MM	LBS/ FOOT	KG/ METER	INCH	MM					
16 400	16.000 406.4		105	10	0.188	4.78	31.78	47.34	15.624	396.84				
					0.250	6.35	42.09	62.65	15.500	393.70				
				20	0.312	7.92	52.32	77.83	15.376	390.56				
				STD 30	0.375	9.53	62.64	93.27	15.250	387.34				
				XS 40	0.500	12.70	82.85	123.31	15.000	381.00				
				60	0.656	16.66	107.60	160.13	14.688	373.08				
				80	0.844	21.44	136.74	203.54	14.312	363.52				
				100	1.031	26.19	164.98	245.57	13.938	354.02				
				120	1.219	30.96	192.61	286.66	13.562	344.48				
				140	1.438	36.53	223.85	333.21	13.124	333.34				
				160	1.594	40.49	245.48	365.38	12.812	325.42				
				18 450	18.000 457		105	10	0.188	4.78	35.80	53.31	17.624	447.44
									0.250	6.35	47.44	70.57	17.500	444.30
20	0.312	7.92	58.99					87.71	17.376	441.16				
STD 30	0.375	9.53	70.65					105.17	17.250	437.94				
XS 40	0.438	11.13	82.23					122.38	17.124	434.74				
60	0.500	12.70	93.54					139.16	17.000	431.60				
80	0.562	14.27	104.76					155.81	16.876	428.46				
100	0.750	19.05	138.30					205.75	16.500	418.90				
120	0.938	23.83	171.08					254.57	16.124	409.34				
140	1.156	29.36	208.15					309.64	15.688	398.28				
160	1.375	34.93	244.37					363.58	15.250	387.14				
	1.562	39.67	274.48					408.28	14.876	377.66				
	1.781	45.24	308.79					459.39	14.438	366.52				
20 500	20.000 508		105	10	0.218	5.54	46.10	68.61	19.564	496.92				
					0.250	6.35	52.78	78.56	19.500	495.30				
				20	0.375	9.53	78.67	117.15	19.250	488.94				
				STD 30	0.500	12.70	104.23	155.13	19.000	482.60				
				XS 40	0.594	15.09	123.23	183.43	18.812	477.82				
				60	0.812	20.62	166.56	247.84	18.376	466.76				
				80	1.031	26.19	209.06	311.19	17.938	455.62				
				100	1.281	32.54	256.34	381.55	17.438	442.92				
				120	1.500	38.10	296.65	441.52	17.000	431.80				
				140	1.750	44.45	341.41	508.15	16.500	419.10				
				160	1.969	50.01	379.53	564.85	16.062	407.98				
				22 550	22.000 559		105	10	0.218	5.54	50.76	75.55	21.564	547.92
									0.250	6.35	58.13	86.55	21.500	546.30
20	0.375	9.53	86.69					129.14	21.250	539.94				
STD 30	0.500	12.70	114.92					171.10	21.000	533.60				
XS 40	0.625	15.88	141.27					212.31	20.750	527.26				
60	0.875	22.23	197.60					294.27	20.250	514.54				
80	1.125	28.58	251.05					373.85	19.750	501.84				
100	1.375	34.93	303.16					451.45	19.250	489.14				
120	1.625	41.28	353.94					527.05	18.750	476.44				
140	1.875	47.63	403.38					600.67	18.250	463.74				
160	2.125	53.98	451.49					672.30	17.750	451.04				

NOMINAL PIPE SIZE		OD	SCHEDULE DESIGNATIONS		WALL THICKNESS		WEIGHT		ID					
INCH MM	INCH MM		ASME	INCH	MM	LBS/ FOOT	KG/ METER	INCH	MM					
24 600	24.000 610		105	10	0.250	6.35	63.47	94.53	23.500	597.30				
					0.375	9.53	94.71	141.12	23.250	590.94				
				STD 20	0.500	12.70	125.61	187.07	23.000	584.60				
				XS 30	0.562	14.27	140.81	209.65	22.876	581.46				
				40	0.688	17.48	171.45	255.43	22.624	575.04				
				60	0.969	24.61	238.57	355.28	22.062	560.78				
				80	1.219	30.96	296.86	442.11	21.562	548.08				
				100	1.531	38.89	367.74	547.74	20.938	532.22				
				120	1.812	46.02	429.79	640.07	20.376	517.96				
				140	2.062	52.37	483.57	720.19	19.876	505.26				
				160	2.344	59.54	542.64	808.27	19.312	490.92				
				26 650	26.000 660		105	10	0.312	7.92	85.68	127.36	25.376	644.16
								STD 40	0.375	9.53	102.72	152.88	25.250	640.94
XS 80	0.500	12.70	136.30					202.74	25.000	634.60				
28 700	28.000 711		105	10	0.312	7.92	92.35	137.32	27.376	695.16				
				STD 40	0.375	9.53	110.74	164.86	27.250	691.94				
				XS 20	0.500	12.70	146.99	218.71	27.000	685.60				
				30	0.625	15.88	182.90	272.23	26.750	679.24				
30 750	30.000 762		105	10	0.312	7.92	99.02	147.29	29.376	746.16				
				STD 40	0.375	9.53	118.76	176.85	29.250	742.94				
				XS 20	0.500	12.70	157.68	234.68	29.000	736.60				
				30	0.625	15.88	196.26	292.20	28.750	730.24				
32 800	32.000 813		105	10	0.312	7.92	105.69	157.25	31.376	797.16				
				STD 40	0.375	9.53	126.78	188.83	31.250	793.94				
				XS 20	0.500	12.70	168.37	250.65	31.000	787.60				
				30	0.625	15.88	209.62	312.17	30.750	781.24				
				40	0.688	17.48	230.29	342.94	30.624	778.04				
34 850	34.000 864		105	10	0.312	7.92	112.36	167.21	33.376	848.16				
				STD 40	0.375	9.53	134.79	200.82	33.250	844.94				
				XS 20	0.500	12.70	179.06	266.63	33.000	838.60				
				30	0.625	15.88	222.99	332.14	32.750	832.24				
				40	0.688	17.48	245.00	364.92	32.624	829.04				
36 900	36.000 914		105	10	0.312	7.92	119.03	176.97	35.376	898.16				
				STD 40	0.375	9.53	142.81	212.57	35.250	894.94				
				XS	0.500	12.70	189.75	282.29	35.000	888.60				
42 1050	42.000 1067		105	10	0.375	9.53	166.86	248.53	41.250	1047.94				
				STD 40	0.500	12.70	221.82	330.21	41.000	1041.60				
				XS	0.625	15.88	276.44	411.64	40.750	1035.24				
				750	19.05	330.72	492.33	40.500	1028.90					
48 1200	48.000 1219		105	10	0.375	9.53	190.92	284.25	47.250	1199.94				
				STD 40	0.500	12.70	253.89	377.81	47.000	1193.60				