



API PIPE ERW & SEAMLESS PIPE

Specification : ASTM A106 Grade B / ASTM A53B / API 5L

Size				
Outside Diameter		Wall Thickness		Weight
Norminal Size	mm	Schdule	mm	kg/m
1/8"	10.3	40 (std)	1.73	0.36
		80 (XS)	2.41	0.46
1/4"	13.7	40 (std)	2.24	0.63
		80 (XS)	3.02	0.80
3/8"	17.1	40 (std)	2.31	0.85
		80 (XS)	3.2	1.1
1/2"	21.3	40 (std)	2.77	1.27
		80 (XS)	3.73	1.62
		(XXS)	7.47	2.55
3/4"	26.7	40 (std)	2.87	1.68
		80 (XS)	3.91	2.19
		(XXS)	7.82	3.63
1"	33.4	40 (std)	3.38	2.5
		80 (XS)	4.55	3.23
		160	6.35	4.23
		(XXS)	9.09	5.45
1-1/4"	42.2	40 (std)	3.56	3.38
		80 (XS)	4.85	4.47
		160	6.35	5.6
		(XXS)	9.7	7.76
1-1/2"	48.3	40 (std)	3.68	4.05
		80 (XS)	5.08	5.41
		160	7.14	7.24
		(XXS)	10.16	9.55
2"	60.3		2.11	3.02
			2.77	3.93
			3.18	4.47
			3.58	5
		40 (std)	3.91	5.44
			4.37	6.03
			4.78	6.54
		80 (XS)	5.54	7.48
			6.35	8.45
			7.14	9.35
		160	8.74	11.11
		(XXS)	11.07	13.45

Size			
Outside Diameter		Wall Thickness	Weight
Nominal Size	mm	Schdule	mm
2-1/2"	73	2.11	3.68
		2.77	4.8
		3.18	5.47
		3.58	6.14
		3.96	6.75
		4.37	7.4
		4.78	8.04
		40 (std)	5.16
			8.62
			5.49
			9.13
			6.35
		80 (XS)	7.01
		160	9.52
		(XXS)	14.02
			20.39
3"	88.9	2.11	4.51
		2.77	5.88
		3.18	6.72
		3.58	7.54
		3.96	8.3
		4.37	9.1
		4.78	9.91
		40 (std)	5.49
			11.29
			6.35
			12.93
			7.14
		80 (XS)	7.62
		160	11.13
		(XXS)	15.24
			27.67
3-1/2"	101.6	2.11	5.17
		2.77	6.75
		3.18	7.7
		3.58	8.65
		3.96	9.53
		4.37	10.47
		4.78	11.39
		40 (std)	5.74
			13.57
			6.35
			14.91
			7.14
		80 (XS)	8.08
			16.62
			18.62

Thickness Tolerance : $\pm 10\%$



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Size					
Outside Diameter		Wall Thickness		Weight	
Norminal Size	mm	Schdule	mm	kg/m	
4"	114.3		2.11	5.84	
			2.77	7.61	
			3.18	8.7	
			3.58	9.77	
			3.96	10.78	
			4.37	11.84	
			4.78	12.9	
			5.16	13.88	
			5.56	14.91	
		40 (std)	6.02	16.07	
			6.35	16.91	
		60	7.14	18.86	
			7.92	20.79	
		80 (XS)	8.56	22.31	
		120	11.13	28.3	
		160	13.49	33.53	
		(XXS)	17.12	41.02	
5"	141.3		2.11	7.24	
			3.18	10.81	
			3.96	13.42	
			4.78	16.07	
			5.56	18.62	
		40 (std)	6.55	21.76	
			7.14	23.61	
			7.92	26.05	
			8.74	28.55	
		80 (XS)	9.52	30.94	
		120	12.7	40.26	
		160	15.88	49.08	
		(XXS)	19.05	57.41	
6"	168.3		2.11	8.64	
			2.77	11.31	
			3.18	12.93	
			3.58	14.54	
			3.96	16.06	
			4.37	17.65	
			4.78	19.24	
			5.16	20.73	
			5.56	22.31	
		30	6.35	25.35	
		40 (std)	7.11	28.26	
			7.92	31.34	
			8.74	34.38	
			9.52	37.28	
		80 (XS)	10.97	42.56	
			12.7	48.72	

Size					
Outside Diameter		Wall Thickness		Weight	
Norminal Size	mm	Schdule	mm	kg/m	
6"	168.3		120	14.27	54.2
			15.88	59.65	
		160	18.26	67.55	
		(XXS)	21.95	79.18	
			3.18	16.91	
			3.96	21.02	
			4.78	25.23	
			5.16	27.2	
			5.56	29.28	
			20	6.35	33.31
			30	7.04	36.79
			7.92	41.26	
		40 (std)	8.18	42.53	
			8.74	45.31	
			9.52	49.21	
		60	10.31	53.09	
			11.13	57.05	
8"	219.1		80 (XS)	12.7	64.63
			14.27	72.09	
		100	15.09	75.89	
			15.88	79.54	
		120	18.26	90.43	
		140	20.62	100.93	
		(XXS)	22.22	107.87	
		160	23.01	111.25	
			3.96	26.29	
			4.78	31.59	
			5.16	34.06	
			5.56	36.69	
		20	6.35	41.77	
			7.09	46.47	
		30	7.8	51.00	
			8.74	56.94	
10"	273	40 (std)	9.27	60.29	
			11.13	71.85	
		60 (XS)	12.7	81.54	
			14.27	91.08	
		80	15.09	95.97	
			15.88	100.66	
		100	18.26	114.74	
			20.26	128.37	
		120	21.44	133	
		140	25.4	155.1	

Thickness Tolerance : ± 10%



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Size					
Outside Diameter		Wall Thickness		Weight	
Norminal Size	mm	Schdule	mm	kg/m	
12"	323.8		4.37	34.42	
			4.78	37.57	
			5.16	40.51	
			5.56	43.66	
		20	6.35	49.72	
			7.14	55.74	
			7.92	61.74	
		30	8.38	65.2	
			8.74	67.89	
		(std)	9.52	73.82	
		40	10.31	79.72	
			11.13	85.78	
		(XS)	12.7	97.44	
		60	14.27	108.96	
			15.88	120.55	
		80	17.48	132.01	
			19.05	143.17	
			20.62	154.21	
		100	21.44	159.85	
			22.22	165.29	
		120	25.4	186.92	
14"	355.6		4.78	41.3	
			5.16	44.55	
		10	5.33	46.07	
			5.56	48.01	
			6.35	54.68	
			7.14	61.32	
		20	7.92	67.94	
			8.74	74.73	
		30 (std)	9.52	81.28	
			10.31	87.79	
		40	11.13	94.49	
			11.91	100.96	
		(XS)	12.7	107.38	
			14.27	120.14	
		60	15.09	126.68	
			15.88	132.98	
			17.48	145.69	
		80	19.05	158.08	
			20.62	170.35	
			22.22	182.69	
		100	23.83	194.9	
			25.4	206.8	
16"	406.4		4.78	47.29	
			5.16	51.02	
			5.56	54.98	
		10	6.35	62.63	
			7.14	70.26	
		20	7.92	77.86	
			8.74	85.68	
		30 (std)	9.52	93.21	
			10.31	100.72	
			11.13	108.44	
			11.91	115.87	
		40 (XS)	12.7	123.29	
			14.27	138.02	
			15.88	152.87	
		60	16.66	160.12	
			17.48	167.58	
			19.05	181.94	
			20.62	196.18	
		80	21.44	203.48	
			22.22	210.53	
			23.83	224.75	
			25.4	238.62	
18"	457.2		4.78	252.37	
			5.16	266.2	
			5.56	53.26	
			6.35	61.95	
		10	7.14	70.59	
			7.92	79.21	
		20	8.74	87.79	
			9.52	96.62	
			10.31	105.14	
			11.13	113.63	
		30	12.7	122.36	
			13.51	130.79	
			14.27	139.19	
		40	15.88	155.91	
			16.66	172.75	
			17.48	189.48	
		60	19.05	205.8	
			20.62	222.02	
			22.22	238.36	
		80	23.83	254.59	
			25.4	270.43	
			26.97	286.15	
			28.58	302	
			30.15	317.47	
			30.18	317.73	
			31.75	333.07	

Thickness Tolerance : ± 10%



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Specification : ASTM A106 Grade B / ASTM A53B / API 5L

Size						
Outside Diameter		Wall Thickness		Weight		
Norminal Size	mm	Schdule	mm	kg/m		
20"	508		5.56	68.92		
		10	6.35	78.54		
			7.14	88.15		
			7.92	97.71		
			8.74	107.56		
		20	9.52	117.07		
			10.31	126.55		
			11.13	136.3		
			11.91	145.72		
		30	12.7	151.1		
			14.27	173.78		
			15.88	192.64		
			17.48	211.36		
			19.05	229.67		
		60	20.62	247.85		
			22.22	266.2		
			23.83	284.43		
			25.4	302.25		
			26.97	319.94		
			28.58	337.79		
			30.15	355.25		
			31.75	372.84		
			33.32	390.04		
			34.92	407.39		
22"	558.8		5.56	75.88		
		10	6.35	86.5		
			7.14	97.09		
			7.92	107.65		
			8.74	118.5		
		20	9.52	129.01		
			10.31	139.46		
			11.13	150.23		
			11.91	160.64		
			12.7	171.01		
		30	14.27	191.65		
			15.88	212.52		
			17.48	233.26		
			19.05	253.53		
			20.62	273.7		
		60	22.22	294.04		
			23.83	314.28		
			25.4	334.07		
			26.97	353.73		
		80	28.58	373.58		
			30.15	393		
			31.75	412.61		
			33.32	431.78		
22"						
24"						
26"						

Thickness Tolerance : $\pm 10\%$



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Size				
Outside Diameter		Wall Thickness		Weight
Norminal Size	mm	Schdule	mm	kg/m
26"	660.4		20.62	325.35
			22.22	349.72
			23.83	373.97
			25.4	397.7
28"	711.2		6.35	110.36
			7.14	123.91
			10	137.42
			8.74	151.35
			9.52	164.8
			10.31	178.22
			11.13	192.04
			11.91	205.4
			20	218.73
			14.27	245.31
			30	272.18
			17.48	298.91
			19.05	325.11
			20.62	351.19
			22.22	377.56
			23.83	403.8
			25.4	429.51
30"	762		6.35	118.31
			7.14	132.85
			10	147.36
			8.74	162.28
			9.52	176.73
			10.31	191.13
			11.13	205.98
			11.91	220.33
			20	234.64
			14.27	263.18
			30	292.06
			17.48	320.81
			19.05	348.97
			20.62	377.02
			22.22	405.4
			23.83	433.65
			25.4	461.33
			26.97	488.88
			28.58	516.75
			30.18	544.5
			31.75	571.68

Size				
Outside Diameter		Wall Thickness		Weight
Norminal Size	mm	Schdule	mm	kg/m
32"	812.8		6.35	126.26
			7.14	141.79
			10	157.28
			8.74	173.23
			9.52	188.66
			10.31	204.05
			11.13	219.91
			11.91	235.25
			20	250.55
			14.27	281.07
			30	311.95
			40	342.7
			19.05	372.84
			20.62	402.87
			22.22	433.24
			23.83	463.49
34"	863.6		25.4	493.14
			26.97	522.74
			28.58	552.54
			30.18	582.31
			31.75	611.45
			6.35	134.22
			7.14	150.72
			10	167.2
			8.74	184.18
			9.52	200.59
			10.31	216.98
			11.13	233.85
			11.91	250.16
			20	266.46
			14.27	298.94
			30	331.83
			40	364.58
			19.05	396.7
			20.62	428.69
			22.22	461.07
			23.83	493.34
			25.4	524.96
			26.97	556.46
			28.58	588.34
			30.18	620.09
			31.75	651.22

Thickness Tolerance : ± 10%



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Size				
Outside Diameter	Wall Thickness	Weight		
Norminal Size	mm	Schdule	mm	kg/m
36"	914.4		6.35	142.17
			7.14	159.67
		10	7.92	177.13
			8.74	195.12
			9.52	212.52
			10.31	229.89
			11.13	247.78
			11.91	265.09
		20	12.7	282.36
			14.27	316.82
		30	15.88	351.72
			17.48	386.48
		40	19.05	420.56
			20.62	454.54
			22.22	488.91
			23.83	523.19
			25.4	556.78
			26.97	590.24
			28.58	624.13
38"	965.2		30.18	657.9
			31.75	690.99
			7.92	187.05
			8.74	206.07
			9.52	224.45
			10.31	242.8
			11.13	261.72
			11.91	280.01
			12.7	298.27
			14.27	334.71
			15.88	371.6
			17.48	408.36
			19.05	444.42
			20.62	480.36
			22.22	516.75
			23.83	553.02
			25.4	588.59
			26.97	624.04
			28.58	659.92
40"	1016		30.18	695.69
			31.75	730.76
			7.92	196.99
			8.74	217.01
			9.52	236.38

Size				
Outside Diameter	Wall Thickness	Weight		
Norminal Size	mm	Schdule	mm	kg/m
40"	1016		11.91	294.94
			12.7	314.18
			14.27	352.58
			15.88	391.49
			17.48	430.26
			19.05	468.28
			20.62	506.19
			22.22	544.59
			23.83	582.87
			25.4	620.41
			26.97	657.82
			28.58	695.72
			30.18	733.49
			31.75	770.53
42"	1066.8		8.74	227.95
			9.52	248.31
			10.31	268.63
			11.13	289.59
			11.91	309.86
			12.7	330.09
			14.27	370.47
			15.88	411.37
			17.48	452.14
			19.05	492.15
			20.62	532.03
			22.22	572.43
			23.83	612.71
			25.4	652.22
44"	1117.6		26.97	691.6
			28.58	731.51
			30.18	771.29
			31.75	810.3
			8.74	238.9
			9.52	260.25
			10.31	281.56
			11.13	303.53
			11.91	324.77
			12.7	346
			14.27	388.34
			15.88	431.25
			17.48	474.03
			19.05	516.01
			20.62	557.86
			22.22	600.27



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Size			
Outside Diameter		Wall Thickness	Weight
Norminal Size	mm	Schdule mm	kg/m
60"	1524	23.8	881.29
		25.4	938.56
		27	995.7
		28.6	1053.64
		30.2	1111.46
		31.8	1168.23
64"	1626	9.52	379.55
		10.3	410.73
		11.1	442.87
		11.9	473.99
		12.7	505.07
		14.3	567.14
		15.9	630.1
		17.5	692.93
		19.1	754.63
		20.6	816.22
		22.2	878.66
		23.9	940.98
		25.4	1002.2
		27	1063.28
		28.6	1125.22
		30.2	1187.06
		31.8	1247.77

Thickness Tolerance : $\pm 10\%$