



CONSTRUCCIÓN  
Y EDIFICACIÓN  
METÁLICAS  
MARESTA

# CATÁLOGO DE TUBERÍA

# TUBERÍA ESTRUCTURAL

Dimensiones y pesos tubería acero con y sin costura convencionales de acuerdo a fórmula peso específico 7850 kg /m<sup>3</sup>

Nominal Diámetro	Diámetro Exterior		Espesor de pared		Cédula Schedule / Designation	Weight	Peso
	Outside Diameter	Diameter	Wall thickness			Lb/ft	Kg/m
<i>in</i>	<i>in</i>	<i>mm</i>	<i>in</i>	<i>mm</i>			
1/8	0.405	10.3	0.035	0.89	5	0.14	0.21
			0.049	1.24	10	0.19	0.28
			0.068	1.73	40 STD	0.24	0.36
			0.095	2.41	80 XS	0.31	0.47
1/4	0.540	13.7	0.049	1.24	5	0.26	0.38
			0.065	1.65	10	0.33	0.49
			0.088	2.24	40 STD	0.43	0.63
			0.119	3.02	80 XS	0.54	0.80
3/8	0.675	17.1	0.049	1.24	5	0.33	0.49
			0.065	1.65	10	0.42	0.63
			0.091	2.31	40 STD	0.57	0.85
			0.126	3.20	80 XS	0.74	1.10
1/2	0.840	21.3	0.065	1.65	55 S	0.54	0.80
			0.083	2.11	1010S	0.67	1.00
			0.109	2.77	40 SDT	0.85	1.27
			0.147	3.73	80 XS	1.09	1.62
			0.188	4.78	160	0.31	1.95
			0.294	7.47	XXS	1.72	2.55
3/4	1.050	26.7	0.065	1.65	55 S	0.68	1.02
			0.083	2.11	1010S	0.86	1.28
			0.113	2.87	40 SDT	1.13	1.68
			0.154	3.91	80 XS	1.48	2.0
			0.219	5.56	160	1.95	2.90
			0.308	7.82	XXS	2.44	3.64
1	1.315	33.4	0.065	1.65	55 S	0.87	1.29
			0.109	2.77	1010S	1.41	2.09
			0.133	3.38	40 SDT	1.68	2.50
			0.179	4.55	80 XS	2.17	3.24
			0.250	6.35	160	2.85	4.24
			0.358	9.09	XXS	3.66	5.45

Dimensiones y pesos tubería acero con y sin costura convencionales de acuerdo a fórmula peso específico 7850 kg /m<sup>3</sup>

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	Outside Diameter	Diameter	Wall thickness	Wall thickness		Lb/ft	Kg/m	
<i>in</i>	<i>in</i>	<i>mm</i>	<i>in</i>	<i>mm</i>				
1 1/4	1.660	422		1.65	5	0.87	1.29	
				2.77	10	1.41	2.09	
				3.56	40 STD	2.27	3.39	
				4.85	80 XS	3.00	4.46	
				6.35	160	3.77	5.61	
				9.70	XXS	5.22	7.77	
1 1/2	1.900	48.3		0.065	1.65	5	1.28	1.90
				0.109	2.77	10 10S	2.09	3.11
				0.145	3.68	40 STD	2.72	4.05
				0.200	5.08	80 XS	3.63	5.41
				0.281	7.14	160	4.86	7.24
				0.400	10.16	XXS	6.41	9.55
2	2.375	60.3		0.065	1.65	5	1.61	2.39
				0.109	2.77	10 10S	2.64	3.93
				0.154	3.91	40 STD	3.66	5.44
				0.172	4.37		4.05	6.03
				0.188	4.78		4.40	6.54
				0.218	5.54	80 XS	5.03	7.48
				0.250	6.35		5.68	8.45
				0.281	7.14		6.29	9.36
				0.344	8.74	160	7.47	11.12
				0.436	11.07	XXS	9.04	13.45
2 1/2	2.875	73.0		0.083	2.11	55S	2.48	3.69
				0.120	3.05	10 10S	3.53	5.26
				0.203	5.16	40 STD	5.80	8.63
				0.216	5.49		6.14	9.14
				0.250	6.35		7.02	10.44
				0.276	7.01	80 XS	7.67	11.41
				0.375	9.53	160	10.0	14.92
	0.552	14.02	XXS	13.71	20.40			

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Nominal Diámetro	Diámetro Exterior		Espesor de pared		Cédula Schedule / Designation	Weight	Peso
	Outside Diameter	Diameter	Wall thickness			Lb/ft	Kg/m
<i>in</i>	<i>in</i>	<i>mm</i>	<i>in</i>	<i>mm</i>			
3	3.500	88.9	0.083	2.11	55S	3.03	4.51
			0.120	3.05	1010S	4.34	6.45
			0.125	3.18		4.51	6.71
			0.156	3.96		5.58	8.30
			0.188	4.78		6.66	9.91
			0.216	5.49	40 STD	7.58	11.29
			0.250	6.35		8.69	12.93
			0.281	7.14		9.67	14.39
			0.300	7.62	80 XS	10.26	15.27
			0.438	11.13	160	14.34	21.34
			0.600	15.24	XXS	18.60	27.68
3 1/2	4.000	101.6	0.083	2.11	55S	3.48	5.17
			0.120	3.05	1010S	4.98	7.41
			0.125	3.18		5.18	7.71
			0.156	3.96		6.41	9.54
			0.188	4.78	40 STD	7.66	11.40
			0.226	5.74		9.12	13.57
			0.250	6.35		10.02	14.92
			0.281	7.14		11.17	16.63
			0.318	8.08	80 XS	12.52	18.63
			0.636	16.15	XXS	22.87	34.04
4	4.500	114.3	0.083	2.11	55S	3.92	5.83
			0.120	3.05	1010S	5.62	8.36
			0.125	3.18		5.85	8.70
			0.156	3.96		7.24	10.78
			0.188	4.78		8.67	12.90
			0.219	5.56		10.02	14.92
			0.237	6.02	40 STD	10.80	16.07
			0.250	7.14		11.36	16.90
			0.281	7.92	60	12.67	18.86
			0.312	8.56		13.97	20.79

Dimensiones y pesos tubería acero con y sin costura convencionales de acuerdo a fórmula peso específico 7850 kg /m<sup>3</sup>

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	Outside Diameter	Diameter	Wall thickness	Wall thickness		Lb/ft	Kg/m
<i>in</i>	<i>in</i>	<i>mm</i>	<i>in</i>	<i>mm</i>			
4	4.500	114.3	0.083	2.11	55S	3.92	5.83
			0.120	3.05	1010S	5.62	8.36
			0.125	3.18		5.85	8.70
			0.156	3.96		7.24	10.78
			0.188	4.78		8.67	12.90
			0.219	5.56		10.02	14.92
			0.237	6.02	40 STD	10.80	16.07
			0.250	6.35		11.36	16.90
			0.281	7.14	60	12.67	18.86
			0.312	7.92		13.97	20.79
			0.337	8.56	80 XS	15.00	22.32
			0.438	11.13	120	09.02	28.31
			0.531	13.49	160	22.53	33.53
4 1/2	4.500	127	0.6674	17.12	XXS	27.57	41.03
			0.247	6.27	40 STD	12.55	18.68
			0.355	9.02	80 XS	17.63	26.23
5	5.563	141.3	0.710	18.03	XXS	32.56	48.46
			0.109	2.77	55S	6.36	9.46
			0.125	3.18		7.27	10.81
			0.134	3.40	1010S	7.78	11.57
			0.156	3.96		9.02	13.42
			0.188	4.78		10.80	16.08
			0.219	5.56		12.51	18.62
			0.258	6.55	40 STD	14.63	21.78
			0.281	7.14		15.87	23.61
			0.312	7.92		17.51	26.06
			0.344	8.74		19.19	28.56
			0.375	9.53	80 XS	20.80	30.95
			0.500	12.70	120	27.06	40.28
0.625	15.88	160	32.99	49.10			
0.750	19.05	XXS	38.59	57.43			

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Nominal Diámetro	Diámetro Exterior		Espesor de pared		Cédula Schedule / Designation	Weight	Peso
	Outside Diameter	Diameter	Wall thickness	Wall thickness		Lb/ft	Kg/m
<i>in</i>	<i>in</i>	<i>mm</i>	<i>in</i>	<i>mm</i>			
6	6.625	168.3	0.109	2.77	55S	7.59	11.30
			0.120	3.05		8.35	12.42
			0.125	3.18		8.69	12.93
			0.134	3.40	1010S	9.30	13.84
			0.141	3.58		9.77	14.55
			0.149	3.78		10.32	15.36
			0.156	3.96		10.79	16.06
			0.172	4.37		11.87	17.65
			0.188	4.78		12.94	19.24
			0.203	5.16		13.94	20.79
			0.219	5.56		15.00	22.32
			0.237	6.02		16.19	24.04
			0.250	6.35		17.04	25.36
			0.280	7.11	40 STD	18.99	28.27
			0.312	7.92		21.06	31.34
			0.344	8.74		23.10	34.38
			0.375	9.53		25.06	37.29
			0.432	10.97	80 XS	28.60	42.56
			0.500	12.70		32.74	48.72
			0.562	14.27	120	36.43	54.21
0.625	15.88		40.09	59.56			
0.719	18.26	160	45.40	67.56			
0.750	19.05		47.11	70.10			
0.864	21.95	XXS	53.21	79.19			
0.875	22.23		53.79	80.05			
7	7.625	193.7	0.301	7.65	STD	23.57	35.07
			0.500	12.70	XS	38.09	56.61
			0.875	22.23	XXS	63.14	93.97
8	8.625	219.1	0.105	2.67		9.56	14.25
			0.109	2.77	55S	9.92	14.72

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	Outside Diameter	Diameter	Wall thickness	Thickness		Lb/ft	Kg/m
<i>in</i>	<i>in</i>	<i>mm</i>	<i>in</i>	<i>mm</i>			
8	8.625	219.1	0.120	3.05		10.91	16.24
			0.125	3.18		11.36	16.90
			0.134	3.40		12.16	18.10
			0.141	3.58		12.79	19.03
			0.148	3.76	10 10S	13.41	19.96
			0.156	3.96		14.12	21.02
			0.164	4.17		14.83	22.08
			0.172	4.37		15.54	23.10
			0.179	4.55		16.16	24.05
			0.188	4.78		16.96	25.24
			0.203	5.16		18.28	27.20
			0.219	5.56		19.68	29.29
			0.237	6.02		21.25	31.63
			0.250	6.35	20	22.38	33.31
			0.277	7.04	30	24.7	36.79
			0.312	7.92		27.73	41.26
			0.322	8.18	40 STD	28.58	42.54
			0.344	8.74		30.45	45.32
			0.375	9.53		33.07	49.22
			0.406	10.31	60	35.67	53.09
			0.438	11.13		38.34	57.05
			0.500	12.70	80 XS	43.43	64.63
			0.562	14.27		48.44	72.09
			0.594	15.09	100	51.00	75.90
			0.625	15.88		53.45	79.55
			0.719	18.26	120	60.77	90.44
			0.750	19.05		63.14	93.97
			0.812	20.62	140	67.82	100.93
0.875	22.23	XXS	72.50	107.89			
0.906	23.01	160	74.77	111.26			
1.000	25.40		81.52	121.31			

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	Outside Diameter		Wall thickness			Lb/ft		Kg/m	
<i>in</i>	<i>in</i>	<i>mm</i>	<i>in</i>	<i>mm</i>					
10	10.750	273.1	0.134	3.40	55S	15.21	22.6323		
			0.141	3.58		15.99	.80		
			0.149	3.78		16.89	25.13		
			0.156	3.96		17.67	26.29		
			0.165	4.19	10 10S	18.67	27.79		
			0.179	4.55		20.23	30.10		
			0.188	4.78		21.23	31.59		
			0.203	5.16		22.89	34.06		
			0.219	5.56		24.66	36.69		
			0.250	6.35	20	28.06	41.76		
			0.279	7.09		31.23	46.48		
			0.307	7.80	30	34.27	51.01		
			0.312	7.92		34.82	51.81		
			0.322	8.18		35.90	53.42		
			0.344	8.74		38.27	56.95		
			0.365	9.27	40 STD	40.52	60.31		
			0.375	9.53		41.59	61.90		
			0.438	11.13		48.29	71.86		
			0.500	12.70	60 XS	54.79	81.54		
			0.562	14.27		61.21	91.09		
			0.594	15.09	80	64.49	95.98		
			0.625	15.88		67.65	100.68		
			0.719	18.26	100	77.11	114.74		
			0.812	20.62		86.27	128.39		
			0.844	21.44	120	89.38	133.02		
			0.875	22.23		92.38	137.47		
			0.938	23.83		98.39	146.43		
			1.000	25.40	140	104.24	155.12		
1.125	28.58	XXS	115.76	172.27					
1.250	31.75	160	126.95	188.93					



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	Outside Diameter	Diameter	Wall thickness	Wall thickness		Lb/ft	Kg/m
<i>in</i>	<i>in</i>	<i>mm</i>	<i>in</i>	<i>mm</i>			
11	11.750	298.5	0.375	9.53	STD	45.60	67.86
			0.500	12.70	XS	60.14	89.49
12	12.750	323.9	0.105	2.67		14.19	21.123
			0.134	3.40		18.07	26.90
			0.156	3.96	5S	21.00	31.25
			0.165	4.19	5	22.20	33.04
			0.172	4.37		23.13	34.42
			0.180	4.57	10 10S	24.19	36.00
			0.188	4.78		25.25	37.57
			0.203	5.16		27.23	40.52
			0.219	5.56		29.34	43.66
			0.237	6.02		31.70	47.18
			0.250	6.35	20	33.41	49.72
			0.281	7.14		37.46	55.79
			0.297	7.54		39.54	58.84
			0.312	7.92		41.49	61.74
			0.330	8.38	30	43.82	65.21
			0.344	8.74		45.62	67.90
			0.375	9.53	STD	49.61	73.83
			0.406	10.31	40	53.58	79.73
			0.438	11.13		57.65	85.80
			0.500	12.70	XS	65.48	97.45
0.562	14.27	60	73.23	108.98			
0.625	15.88		81.02	120.17			
0.688	17.48	80	88.72	132.03			
0.750	19.05		96.22	143.19			
0.812	20.62		103.63	154.22			
0.844	21.44	100	107.43	159.87			
0.875	22.232		111.08	165.30			
0.938	23.83		118.45	176.24			

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	Outside Diameter		Wall thickness			Lb/ft		Kg/m	
<i>in</i>	<i>in</i>	<i>mm</i>	<i>in</i>	<i>mm</i>					
12	12.750	323.9	1.000	25.40	120 XXS	125.22	186.94		
			1.062	6.97		132.73	197.48		
			1.125	28.58	140	139.32	208.07		
			1.250	31.75		153.68	228.70		
			1.312	33.32	160	160.43	238.75		
14	14.000	355.60	0.105	2.67		15.60	23.21		
			0.134	3.40		19.86	29.56		
			0.156	3.96	5S	23.09	34.36		
			0.164	4.17		24.26	36.10		
			0.179	4.55		26.45	39.36		
			0.188	4.78	10S	27.76	41.31		
			0.203	5.16		29.94	44.56		
			0.210	5.33		30.96	46.07		
			0.219	5.56		32.27	48.02		
			0.250	6.35	10	36.75	54.69		
			0.281	7.14		41.21	61.39		
			0.312	7.92	20	45.66	67.94		
			0.344	8.74		50.22	74.74		
			0.375	9.53	30 STD	54.62	81.29		
			0.406	10.31		59.00	87.89		
			0.438	11.13	40	63.50	94.50		
			0.469	11.91		67.84	100.96		
			0.500	12.70	XS	72.16	107.39		
			0.562	14.27		80.74	120.65		
			0.594	15.09	60	85.13	126.696		
0.625	15.88		89.37	132.98					
0.688	17.48		97.91	145.71					
0.750	19.05	80	106.24	158.60					
0.812	20.62		114.48	170.37					
0.875	22.23		122.78	182.75					
0.938	23.82		130.99	194.93					

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	Outside Diameter	Diameter	Wall thickness	Wall thickness		Lb/ft	Kg/m
<i>in</i>	<i>in</i>	<i>mm</i>	<i>in</i>	<i>mm</i>			
14	14.000	355.60	1.000	25.40		138.98	206.83
			0.062	26.97		146.89	218.60
			0.094	27.79	120	150.94	224.63
			0.125	28.58		154.85	230.44
			1.250	31.75	140	170.38	253.56
			1.406	35.71	160	189.30	281.70
			2.000	50.80		256.58	381.03
			2.125	53.98		269.78	401.40
			2.200	55.88		277.53	413.0145
			2.500	63.50		307.36	7.40
16	16.000	406.4	0.134	3.40		22.73	33.82
			0.165	4.19		27.93	41.57
			0.188	4.78		31.78	47.29
			0.203	5.16		34.28	51.02
			0.219	5.56		36.95	54.98
			0.250	6.35		42.09	62.64
			0.281	7.14		47.22	70.27
			0.312	7.92		52.33	77.87
			0.344	8.74		57.58	85.68
			0.375	9.53	30 SDT	62.64	93.22
			0.406	10.31		67.69	100.73
			0.438	11.13		72.87	108.44
			0.469	11.91		82.85	115.89
			0.500	12.70	40 XS	92.75	123.30
			0.625	14.27		102.73	138.03
			0.656	15.88		107.61	152.88
			0.688	16.66	60	112.62	160.14
			0.750	17.48		122.28	167.60
			0.812	19.05		131.85	181.97
0.844	20.6		136.75	196.21			
0.875	21.44	80	141.49	203.51			

Dimensiones y pesos tubería acero con y sin costura convencionales de acuerdo a fórmula peso específico 7850 kg /m<sup>3</sup>

Nominal Diámetro	Diámetro Exterior		Espesor de pared		Cédula Schedule / Designation	Weight	Peso			
	Outside Diameter		Wall thickness			Lb/ft	Kg/m			
<i>in</i>	<i>in</i>	<i>mm</i>	<i>in</i>	<i>mm</i>						
16	16.000	406.4	0.875	22.23		141.49	210.55			
			0.938	23.83		151.04	224.77			
			1.000	25.40		160.36	238.64			
			1.031	26.19		164.999	245.53			
			13.062	26.97	100	169.90	252.39			
			1.125	28.58		178.90	266.24			
			1.188	30.18		188.12	279.96			
			1.219	30.96	120	192.63	286.66			
			1.250	31.75		197.11	293.33			
			1.438	36.54	140	223.87	333.15			
			1.594	40.49	160	245.49	365.34			
			18	18.000	457.2	0.165	4.19	5S	31.46	46.82
						0.188	4.78	10S	35.80	53.28
0.219	5.56					41.63	61.95			
0.250	6.35	10				47.44	70.60			
0.281	7.14					53.23	79.21			
0.312	7.92	10				59.00	87.80			
0.344	8.74					64.93	96.63			
0.375	9.53	20				70.66	105.15			
0.406	10.31					76.37	113.65			
0.438	11.13	STD				82.24	122.38			
0.469	11.91					87.90	130.80			
0.500	12.70	30				93.54	139.21			
0.562	14.27					104.77	155.92			
0.625	15.88	XS				116.10	172.77			
0.688	17.48	40				127.33	189.49			
0.750	19.05					138.31	205.83			
0.812	20.62	60				149.21	222.05			
0.875	22.23		160.19	238.40						
0.938	23.83	80	171.10	254.62						
1.000	25.40		181.74	270.46						

Dimensiones y pesos tubería acero con y sin costura convencionales de acuerdo a fórmula peso específico 7850 kg /m<sup>3</sup>

Nominal Diámetro	Diámetro Exterior		Espesor de pared		Cédula Schedule / Designation	Weight	Peso
	Outside Diameter	Diameter	Wall thickness			Lb/ft	Kg/m
<i>in</i>	<i>in</i>	<i>mm</i>	<i>in</i>	<i>mm</i>			
18	18.000	457.2	1.062	26.97		192.31	286.19
			1.125	28.58		202.96	302.03
			1.156	29.36	100	208.17	309.79
			1.188	30.18		213.52	317.76
			1.250	31.75		223.84	333.11
			1.375	34.93	120	244.38	363.68
			1.56	39.67	140	274.50	408.50
			1.781	45.24	160	308.81	459.57
20	20.000	508.0	0.188	4.78	5S	39.82	59.26
			0.219	5.56	10S	46.31	68.92
			0.250	6.35	10	52.79	78.55
			0.281	7.14		59.24	88.16
			0.312	7.92		65.67	97.73
			0.344	8.74		72.29	107.58
			0.375	9.53	20 STD	78.68	117.09
			0.406	10.31		85.05	126.56
			0.438	11.13		91.60	136.32
			0.469	11.91		97.93	145.73
			0.500	12.70	30 XS	104.24	155.12
			0.562	14.27		116.79	173.80
			0.594	15.09	40	123.23	183.39
			0.625	15.88		129.46	192.66
			0.688	17.48		142.04	211.39
			0.750	19.05		154.35	229.70
			0.812	20.62	60	166.57	247.88
			0.875	22.23		178.90	266.24
			0.938	23.83		191.15	284.47
			1.000	25.40		203.12	302.8
1.031	26.19	80	209.08	311.15			
1.062	26.97		215.01	319.98			
1.125	28.58		227.01	337.85			

Dimensiones y pesos tubería acero con y sin costura convencionales de acuerdo a fórmula peso específico 7850 kg /m<sup>3</sup>

Nominal Diámetro	Diámetro Exterior		Espesor de pared		Cédula Schedule / Designation	Weight	Peso
	Outside Diameter		Wall thickness			Lb/ft	Kg/m
<i>in</i>	<i>in</i>	<i>mm</i>	<i>in</i>	<i>mm</i>			
20	20.000	508.0	0.188	30.18		238.92	355.56
			1.250	31.75		250.57	372.88
			1.281	32.54	100	256.35	381.50
			1.312	33.32		262.12	390.08
			1.375	34.93		273.78	407.44
			1.500	38.10	120	296.67	441.44
			1.750	44.45	140	341.44	508.11
			1.969	50.01	160	379.56	564.84
22	22.000	558.8	0.250	6.35	10	58.13	86.51
			0.281	7.14		65.25	97.10
			0.312	7.92	STD	72.34	107.66
			0.344	8.74	20	79.64	118.52
			0.375	9.53		86.70	129.02
			0.406	10.31		93.73	139.41
			0.438	11.13		100.97	150.26
			0.469	11.91		107.96	160.60
			0.500	12.70	30 XS	114.93	171.03
			0.562	14.27		128.80	191.68
			0.688	15.88		142.82	212.54
			0.750	17.48		156.76	233.28
			0.812	19.05		170.38	253.56
			0.875	20.62		183.93	273.72
			0.938	22.23	60	197.61	294.08
			1.000	23.83		211.21	314.31
			0.062	25.40		224.51	334.10
			1.125	26.97		237.72	353.77
			1.188	28.58	80	251.07	373.36
			1.250	30.18		264.33	393.36
1.312	31.75		277.29	412.66			
1.375	33.32		290.18	431.83			
1.438	34.93		303.18	451.19			

# TUBERÍA ESTRUCTURAL

Dimensiones y pesos tubería acero con y sin costura convencionales de acuerdo a fórmula peso específico 7850 kg /m<sup>3</sup>

Nominal Diámetro	Diámetro Exterior		Espesor de pared		Cédula Schedule / Designation	Weight	Peso
	Outside Diameter		Wall thickness			Lb/ft	Kg/m
<i>in</i>	<i>in</i>	<i>mm</i>	<i>in</i>	<i>mm</i>			
22	22.000	558.8	1.500	38.10		328.74	489.22
			1.625	41.28	120	353.97	526.76
			1.875	47.63	140	403.41	600.34
			2.125	53.98	160	451.52	671.93
24	24.000	609.6	0.218	5.54	5S	55.43	489.22
			0.250	6.35	10	63.74	526.76
			0.281	7.14		71.25	600.34
			0.312	7.92		79.01	671.93
			0.344	8.74		87.00	
			0.375	9.53	20 STD	94.71	
			0.406	10.31		102.41	
			0.438	11.13		110.33	
			0.469	11.91		117.98	
			0.500	12.70	XS	125.62	
			0.562	14.27	30	140.82	
			0.625	15.88		156.19	
			0.688	17.48	40	171.47	
			0.750	19.05		186.42	
			0.812	20.6		201.29	
			0.875	22.23		216.32	
			0.938	23.83		231.26	
			0.969	24.61	60	238.59	
			1.000	25.40		245.89	
			1.062	26.97		260.43	
1.125	28.58		275.12				
1.188	30.18		289.73				
1.219	30.96	80	296.88				
1.250	31.75		304.02				
1.312	33.32		318.23				
1.375	34.93		332.58				
1.438	36.53		346.85				

Dimensiones y pesos tubería acero con y sin costura convencionales de acuerdo a fórmula peso específico 7850 kg /m<sup>3</sup>

Nominal Diámetro	Diámetro Exterior		Espesor de pared		Cédula Schedule / Designation	Weight	Peso
	Outside Diameter		Wall thickness			Lb/ft	Kg/m
<i>in</i>	<i>in</i>	<i>mm</i>	<i>in</i>	<i>mm</i>			
24	24.000	609.6	1.500	38.10		360.81	536.95
			1.531	38.89	100	367.76	547.29
			1.562	39.67		374.69	557.60
			1.812	46.02	120	429.82	639.64
			2.062	52.37	140	483.61	719.69
			2.343	59.51	160	542.48	807.29
26	26.000	660.4	0.250	6.35		68.82	102.42
			0.281	7.14		77.26	114.98
			0.312	7.92	10	85.68	127.51
			0.344	8.74		94.35	140.41
			0.375	9.53	STD	102.73	152.88
			0.406	10.31		111.09	165.32
			0.438	11.13		119.70	178.13
			0.469	11.91		128.01	190.50
			0.500	12.70	20 XS	136.31	202.85
			0.562	14.27		152.84	227.45
			0.625	15.88		169.55	252.32
			0.688	17.48		186.18	277.06
			0.750	19.05		202.46	301.29
			0.812	20.62	10	218.66	325.39
0.875	22.23		235.03	349.76			
0.938	23.83	STD	251.32	374.01			
1.000	25.40		267.27	397.74			
28	28.000	711.2	0.250	6.35		74.17	110.37
			0.281	7.14		83.27	123.92
			0.312	7.92	10	92.35	137.44
			0.344	8.74		101.71	151.36
			0.375	9.53	STD	110.75	164.81
			0.406	10.31		119.77	178.24
			0.438	11.13		129.06	192.06
0.469	11.91		138.04	205.43			



Dimensiones y pesos tubería acero con y sin costura convencionales de acuerdo a fórmula peso específico 7850 kg /m<sup>3</sup>

Nominal Diámetro	Diámetro Exterior		Espesor de pared		Cédula Schedule / Designation	Weight	Peso
	Outside Diameter	Diameter	Wall thickness	Wall thickness		Lb/ft	Kg/m
<i>in</i>	<i>in</i>	<i>mm</i>	<i>in</i>	<i>mm</i>			
28	28.000	711.2	0.500	12.70		147.00	218.76
			0.562	14.27		164.85	245.33
			0.625	15.88	30	182.91	272.20
			0.688	17.48		200.89	298.95
			0.750	19.05		218.49	325.15
			0.812	20.62		236.02	351.23
			0.875	22.23		253.74	377.61
			0.938	23.83		271.38	403.85
			1.000	25.40		288.65	429.56
30	30.000	762.0	0.250	6.35	5S	79.51	118.33
			0.281	7.14		89.28	132.86
			0.312	7.92	1010S	99.03	147.37
			0.344	8.74		109.06	162.30
			0.375	9.53	STD	118.77	176.75
			0.406	10.31		128.45	191.16
			0.438	11.13		138.43	206.00
			0.469	11.91		148.07	220.35
			0.500	12.70	20XS	157.69	234.67
			0.562	14.27		176.87	263.21
			0.625	15.88	30	196.28	292.09
			0.688	17.48		215.60	320.84
			0.750	19.05		234.53	349.02
			0.812	20.62		253.38	377.07
			0.875	22.23		272.45	405.45
			0.938	23.83		291.43	433.70
			1.000	25.40		310.03	461.38
			1.062	26.97		328.55	488.94
			1.125	28.58		347.28	516.81
			1.188	30.18		365.93	544.57
1.250	31.75		384.20	571.75			
1.375	34.93		420.78	626.19			
1.500	38.10		457.03	680.14			

# TUBERÍA ESTRUCTURAL

Dimensiones y pesos tubería acero con y sin costura convencionales de acuerdo a fórmula peso específico 7850 kg /m<sup>3</sup>

Nominal Diámetro	Diámetro Exterior		Espesor de pared		Cédula Schedule / Designation	Weight	Peso
	Outside Diameter	Diameter	Wall thickness	Wall thickness		Lb/ft	Kg/m
<i>in</i>	<i>in</i>	<i>mm</i>	<i>in</i>	<i>mm</i>			
32	32.000	8128	0.250	6.35		84.86	126.28
			0.281	7.14		95.29	141.80
			0.312	7.92	10	105.70	157.29
			0.344	8.74		116.42	173.25
			0.375	9.53	STD	126.79	188.68
			0.406	10.31		137.13	204.08
			0.438	11.13		147.79	219.94
			0.500	12.70	20 XS	168.38	250.58
			0.562	14.27		188.89	281.09
			0.625	15.88	30	209.64	311.98
			0.688	17.48	40	230.31	342.74
			0.750	19.05		250.57	372.88
			0.812	20.62		270.74	402.91
			0.875	22.23		291.16	433.29
			0.938	23.83		311.49	463.55
			1.000	25.40		331.41	493.20
			1.062	26.97		351.26	522.73
1.125	28.58		371.34	552.61			
1.188	30.18		391.33	582.37			
1.250	31.75		410.93	611.58			
34	34.000	863.6	0.250	6.35		90.20	134.24
			0.281	7.14		101.30	150.74
			0.312	7.92	10	112.37	167.22
			0.344	8.74		134.80	184.20
			0.375	9.53	STD	145.81	200.61
			0.406	10.31		157.16	216.99
			0.438	11.13		168.12	233.87
			0.500	12.70	20 XS	179.07	250.26
			0.562	14.27		200.90	266.49
			0.625	15.88	30	223.00	298.98
0.688	17.48	40	245.02	331.87			

Dimensiones y pesos tubería acero con y sin costura convencionales de acuerdo a fórmula peso específico 7850 kg /m<sup>3</sup>

Nominal Diámetro	Diámetro Exterior		Espesor de pared		Cédula Schedule / Designation	Weight	Peso
	Outside Diameter		Wall thickness			Lb/ft	Kg/m
<i>in</i>	<i>in</i>	<i>mm</i>	<i>in</i>	<i>mm</i>			
34	34.000	863.6	0.688	17.48	40	245.02	364.63
			0.750	19.05		266.60	396.75
			0.812	20.62		288.10	428.74
			0.875	22.23	309.87	461.13	
			0.938	23.83	331.54	493.39	
			1.000	25.40	352.80	525.0	
			1.062	26.97	373.97	556.52	
			1.125	28.58	395.39	588.41	
			1.188	30.18	416.73	620.17	
			1.250	31.75	437.65	651.30	
36	36.000	914.4	0.250	6.35	10	95.55	142.19
			0.281	7.14		107.30	159.69
			0.312	7.92		119.04	177.15
			0.344	8.74	131.13	195.14	
			0.375	9.53	STD	142.82	212.54
			0.406	10.31	154.49	229.91	
			0.438	11.13	166.52	247.81	
			0.469	11.91	20 XS	178.15	265.12
			0.500	12.70	189.76	282.40	
			0.562	14.27	30	212.92	316.86
			0.625	15.88	40	236.37	351.75
			0.688	17.48	259.73	386.52	
			0.750	19.05	282.64	420.61	
			0.812	20.62	305.64	454.58	
			0.875	22.23	328.57	488.97	
			0.938	23.83	351.60	523.24	
			1.000	25.40	374.18	556.84	
			1.062	26.97	396.67	590.31	
			1.125	28.58	419.45	624.21	
			1.188	30.18	442.14	657.97	
1.250	31.75	464.38	691.08				
1.375	34.93	508.98	757.45				
1.500	38.10	553.25	823.32				

# TUBERÍA ESTRUCTURAL

Dimensiones y pesos tubería acero con y sin costura convencionales de acuerdo a fórmula peso específico 7850 kg /m<sup>3</sup>

Nominal Diámetro	Diámetro Exterior		Espesor de pared		Cédula Schedule / Designation	Weight	Peso
	Outside Diameter	Diameter	Wall thickness			Lb/ft	Kg/m
<i>in</i>	<i>in</i>	<i>mm</i>	<i>in</i>	<i>mm</i>			
34	34.00	863.6	0.688	17.48	40	245.02	364.63
			0.750	19.05		266.60	396.75
			0.812	20.62		288.10	428.74
			0.875	22.23		309.87	461.13
			0.938	23.83		331.54	493.39
			1.000	25.40		352.80	525.0
			1.062	26.97		373.97	556.52
			1.125	28.58		395.39	588.41
			1.188	30.18		416.73	620.17
			1.250	31.75		437.65	651.30
38	38.000	965.2	0.250	6.35		100.89	150.15
			0.312	7.92		125.71	187.08
			0.344	8.74		138.48	206.09
			0.375	9.53		150.84	224.48
			0.406	10.31		163.18	242.83
			0.438	11.13		188.18	261.75
			0.469	11.91		175.89	280.04
			0.500	12.70		200.45	298.31
			0.562	14.27		224.94	334.74
			0.625	15.88		249.73	371.64
			0.688	17.48		274.44	408.41
			0.750	19.05		298.67	444.48
			0.812	20.62		322.83	480.42
			0.875	22.23		347.28	516.81
			0.938	23.83		271.66	553.09
			1.000	25.40		395.56	588.66
			1.062	26.97		419.38	624.11
			1.125	28.58		443.50	660.00
1.188	30.18	467.54	695.77				

# TUBERÍA ESTRUCTURAL

Dimensiones y pesos tubería acero con y sin costura convencionales de acuerdo a fórmula peso específico 7850 kg /m<sup>3</sup>

Nominal Diámetro	Diámetro Exterior		Espesor de pared		Cédula Schedule / Designation	Weight	Peso
	Outside Diameter		Wall thickness			Lb/ft	Kg/m
<i>in</i>	<i>in</i>	<i>mm</i>	<i>in</i>	<i>mm</i>			
34	34.00	863.6	0.688	17.48	40	245.02	364.63
			0.750	19.05		266.60	396.75
			0.812	20.62		288.10	428.74
			0.875	22.23		309.87	461.13
			0.938	23.83		331.54	493.39
			1.000	25.40		352.80	525.0
			1.062	26.97		373.97	556.52
			1.125	28.58		395.39	588.41
			1.188	30.18		416.73	620.17
			1.250	31.75		437.65	651.30
38	38.000	965.2	0.250	6.35	100.89	150.15	
			0.312	7.92	125.71	187.08	
			0.344	8.74	138.48	206.09	
			0.375	9.53	150.84	224.48	
			0.406	10.31	163.18	242.83	
			0.438	11.13	188.18	261.75	
			0.469	11.91	175.89	280.04	
			0.500	12.70	200.45	298.31	
			0.562	14.27	224.94	334.74	
			0.625	15.88	249.73	371.64	
			0.688	17.48	274.44	408.41	
			0.750	19.05	298.67	444.48	
			0.812	20.62	322.83	480.42	
			0.875	22.23	347.28	516.81	
			0.938	23.83	271.66	553.09	
			1.000	25.40	395.56	588.66	
			1.062	26.97	419.38	624.11	
			1.125	28.58	443.50	660.00	
1.188	30.18	467.54	695.77				

Dimensiones y pesos tubería acero con y sin costura convencionales de acuerdo a fórmula peso específico 7850 kg /m<sup>3</sup>

Nominal Diámetro	Diámetro Exterior		Espesor de pared		Cédula Schedule / Designation	Weight	Peso
	Outside Diameter		Wall thickness			Lb/ft	Kg/m
<i>in</i>	<i>in</i>	<i>mm</i>	<i>in</i>	<i>mm</i>			
40	40.000	1,016.0	0.312	7.92		132.38	197.00
			0.344	8.74		145.84	217.03
			0.375	9.53		158.86	236.41
			0.406	10.31		171.86	255.75
			0.438	11.13		185.25	275.68
			0.469	11.91		198.21	294.97
			0.500	12.70		211.14	314.22
			0.562	14.27		236.95	352.62
			0.625	15.88		263.09	391.53
			0.688	17.48		289.15	430.30
			0.750	19.05		314.71	468.34
			0.812	20.62		340.19	506.26
			0.875	22.23		365.99	544.66
			0.938	23.83		391.71	582.93
			1.000	25.40		416.94	620.48
			1.062	26.97		442.09	657.90
			1.125	28.58		467.55	695.80
1.188	30.18		492.94	733.57			
1.250	31.75		517.84	770.62			
42	42.000	1,066.8	0.250	7.92		111.59	166.06
			0.344	8.74		153.20	227.98
			0.375	9.53	STD	166.88	248.34
			0.406	10.31		180.54	268.67
			0.438	11.13		194.62	289.62
			0.469	11.91		208.24	309.89
			0.500	12.70	XS	221.83	330.13
			0.562	14.27		248.97	370.51
			0.625	15.88		276.46	411.41
			0.688	17.48		303.86	452.19
0.750	19.05		330.75	492.20			
0.812	20.62		357.55	532.09			

Dimensiones y pesos tubería acero con y sin costura convencionales de acuerdo a fórmula peso específico 7850 kg /m<sup>3</sup>

Nominal Diámetro	Diámetro Exterior		Espesor de pared		Cédula Schedule / Designation	Weight	Peso
	Outside Diameter		Wall thickness			Lb/ft	Kg/m
<i>in</i>	<i>in</i>	<i>mm</i>	<i>in</i>	<i>mm</i>			
42	42.000	1,066.8	0.875	22.23		384.70	572.50
			0.938	23.83		411.77	612.78
			1.000	25.40		438.32	652.30
			1.062	26.97		464.79	691.69
			1.125	28.58		491.61	731.60
			1.188	30.18		518.34	771.37
			1.250	31.75		544.56	810.40
			1.500	38.10		649.47	966.51
44	44.000	1,117.6	0.344	8.74		160.55	238.93
			0.375	9.53		174.89	260.27
			0.406	10.31		189.22	281.59
			0.438	11.13		203.98	303.56
			0.469	11.91		218.26	324.81
			0.500	12.70		232.52	346.03
			0.562	14.27		260.99	388.39
			0.625	15.88		289.82	431.30
			0.688	17.48		318.57	474.09
			0.750	19.05		346.78	516.07
			0.812	20.62		374.91	557.93
			0.875	22.23		403.41	600.34
			0.938	23.83		431.82	642.62
			1.000	25.40		459.70	684.11
			1.062	26.97		487.50	725.48
			1.125	28.58		515.66	767.39
1.188	30.18		543.74	809.18			
1.250	31.75		571.29	850.17			

# TUBERÍA ESTRUCTURAL

Dimensiones y pesos tubería acero con y sin costura convencionales de acuerdo a fórmula peso específico 7850 kg /m<sup>3</sup>

Nominal Diámetro	Diámetro Exterior		Espesor de pared		Cédula Schedule / Designation	Weight		Peso	
	Outside Diameter		Wall thickness			Lb/ft		Kg/m	
<i>in</i>	<i>in</i>	<i>mm</i>	<i>in</i>	<i>mm</i>					
46	46.000	1,168.4	0.344	8.74		167.91	249.87		
			0.375	9.53		182.91	272.20		
			0.406	10.31		197.90	294.51		
			0.438	11.13		213.35	317.50		
			0.469	11.91		228.29	339.74		
			0.500	12.70		243.22	361.94		
			0.562	14.27		273.00	406.27		
			0.625	15.88		303.18	451.19		
			0.688	17.48		333.82	495.98		
			0.750	19.05		362.82	539.93		
			0.812	20.62		392.27	583.77		
			0.875	22.23		422.12	628.18		
			0.938	23.83		451.88	672.47		
			1.000	25.40		481.09	715.93		
			1.062	26.97		510.21	759.27		
			1.125	28.58		539.72	803.19		
1.188	30.18		569.14	846.98					
1.250	31.75		598.02	889.95					
48	48.000	1,219.2	0.344	8.74		175.26	260.82		
			0.375	9.53		190.93	284.14		
			0.406	10.31		206.58	307.42		
			0.438	11.13		222.71	331.43		
			0.469	11.91		238.32	354.66		
			0.500	12.70		253.91	377.85		
			0.562	14.27		285.02	424.15		
			0.625	15.88		316.55	471.07		
			0.688	17.48		347.99	517.87		
			0.750	19.05		378.85	563.80		
0.812	20.62		409.64	609.60					
0.875	22.23		440.83	656.02					



# TUBERÍA ESTRUCTURAL

Dimensiones y pesos tubería acero con y sin costura convencionales de acuerdo a fórmula peso específico 7850 kg /m<sup>3</sup>

Nominal Diámetro	Diámetro Exterior		Espesor de pared		Cédula Schedule / Designation	Weight	Peso
	in	mm	in	mm		Lb/ft	Kg/m
48	48.000	1,219.2	0.938	23.83		471.94	702.32
			1.000	25.40		502.47	747.75
			1.062	26.97		532.092	793.07
			1.125	28.58		563.77	838.99
			1.188	30.18		594.54	884.78
			1.250	31.75		624.74	929.72
			1.500	38.10		745.68	1109.70
			2.000	50.80		983.55	1463.60
52	52.000	1,320.8	0.375	9.53		206.97	308.00
			0.406	10.31		223.94	333.26
			0.438	11.13		241.44	359.31
			0.469	11.91		258.38	384.50
			0.500	12.70		275.29	409.67
			0.562	14.27		309.05	459.92
			0.625	15.88		343.27	510.85
			0.688	17.48		377.41	561.65
			0.750	19.05		409.93	611.53
			0.812	20.62		444.36	661.28
			0.875	22.23		478.25	711.71
			0.938	23.83		512.05	762.01
			1.000	25.40		545.23	811.39
			1.062	26.97		578.33	860.65
1.125	28.58		611.88	910.58			
1.188	30.18		645.35	960.38			
1.250	31.75		678.20	1009.2			
54	54.000	1,371.6	0.375	9.53		214.99	319.93
			0.500	12.70		285.98	425.58
			0.625	15.88		356.64	530.74
			0.750	19.05		426.96	635.39
			1.000	25.40		566.61	843.21

# TUBERÍA ESTRUCTURAL

Dimensiones y pesos tubería acero con y sin costura convencionales de acuerdo a fórmula peso específico 7850 kg /m<sup>3</sup>

Nominal Diámetro	Diámetro Exterior		Espesor de pared		Cédula Schedule / Designation	Weight		Peso	
	Outside Diameter		Wall thickness			Lb/ft		Kg/m	
<i>in</i>	<i>in</i>	<i>mm</i>	<i>in</i>	<i>mm</i>					
56	56.000	1,422.4	0.375	9.53		223.00	331.78		
			0.406	10.31		241.30	359.10		
			0.438	11.13		260.17	387.18		
			0.469	11.91		278.43	414.35		
			0.500	12.70		296.67	441.49		
			0.562	14.27		333.08	495.68		
			0.625	15.88		370.00	550.62		
			0.688	17.48		406.83	605.44		
			0.750	19.05		443.00	659.26		
			0.812	20.62		479.08	712.95		
			0.875	22.23		515.66	767.39		
			0.938	23.83		552.16	821.70		
			1.000	25.40		587.99	875.03		
			1.062	26.97		623.75	928.23		
			1.125	28.58		659.99	982.17		
			1.188	30.18		696.15	1035.91		
1.250	31.75		731.65	1088.83					
60	60.000	1,524.0	0.375	9.53		239.04	355.73		
			0.406	10.31		258.67	384.94		
			0.438	11.13		278.90	415.05		
			0.469	11.91		298.49	444.20		
			0.500	12.70		318.05	473.31		
			0.562	14.27		357.12	531.45		
			0.625	15.88		396.73	590.40		
			0.688	17.48		436.22	649.22		
			0.750	19.05		475.07	706.98		
			0.812	20.62		513.81	764.63		
			0.875	22.23		553.08	823.08		
			0.938	23.83		592.27	881.40		
			1.000	25.40		630.76	938.67		
1.062	26.97		669.16	995.82					

# TUBERÍA ESTRUCTURAL

Dimensiones y pesos tubería acero con y sin costura convencionales de acuerdo a fórmula peso específico 7850 kg /m<sup>3</sup>

Nominal Diámetro	Diámetro Exterior		Espesor de pared		Cédula Schedule / Designation	Weight	Peso
	Outside Diameter		Wall thickness			Lb/ft	Kg/m
<i>in</i>	<i>in</i>	<i>mm</i>	<i>in</i>	<i>mm</i>			
60	60.000	1,524.0	1.125	28.58		708.10	1053.77
			1.188	30.18		746.95	1111.59
			1.250	31.75		785.10	1168.36
64	64.000	1,625.6	0.375	9.53		239.04	355.73
			0.406	10.31		258.67	384.94
			0.438	11.13		278.90	415.05
			0.469	11.91		298.49	444.20
			0.500	12.70		318.05	473.31
			0.562	14.27		357.12	531.45
			0.625	15.88		396.73	590.40
			0.688	17.48		436.22	649.22
			0.750	19.05		475.07	706.98
			0.812	20.62		513.81	764.63
			0.875	22.23		553.08	823.08
			0.938	23.83		592.27	881.40
			1.000	25.40		630.76	938.67
			1.062	26.97		669.16	995.82
			68	68.000	1,727.2	1.125	28.58
1.188	30.18					797.75	1187.19
1.250	31.75					838.56	1247.91
0.469	11.91					338.60	503.89
0.500	12.70					360.81	536.95
0.562	14.27					404.20	601.51
0.625	15.88					449.09	668.32
0.688	17.48					493.89	734.99
0.750	19.05					537.90	800.49
0.812	20.62					581.83	865.87
0.875	22.23					626.39	932.17
0.938	23.83					670.86	998.35
1.000	25.40					714.54	1063.35
1.062	26.97					758.14	1128.24

# TUBERÍA ESTRUCTURAL

Dimensiones y pesos tubería acero con y sin costura convencionales de acuerdo a fórmula peso específico 7850 kg /m<sup>3</sup>

Nominal Diámetro	Diámetro Exterior		Espesor de pared		Cédula Schedule / Designation	Weight	Peso
	Outside Diameter		Wall thickness			Lb/ft	Kg/m
<i>in</i>	<i>in</i>	<i>mm</i>	<i>in</i>	<i>mm</i>			
68	68.000	1,727.2	1.125	28.58		802.36	1194.04
			1.188	30.18		846.49	1259.72
			1.250	31.75		889.84	1324.23
72	72.000	1,828.8	0.500	12.70		381.27	507.39
			0.562	14.27		428.17	637.19
			0.625	15.88		475.75	707.99
			0.688	17.48		523.24	778.67
			0.750	19.05		569.90	848.10
			0.812	20.62		616.47	917.41
			0.875	22.23		663.72	987.72
			0.938	23.83		710.87	1057.90
			1.062	26.97		803.44	1195.66
			1.125	28.58		850.35	1265.46
			1.188	30.18		897.17	1335.14
76	76.000	1,930.4	0.500	12.70		402.60	599.13
			0.562	14.27		452.15	672.87
			0.625	15.88		502.41	747.67
			0.688	17.48		552.59	822.35
			0.750	19.05		601.89	895.72
			0.812	20.62		651.11	968.96
			0.875	22.23		701.04	1043.27
			0.938	23.83		750.89	1117.44
			1.000	25.40		799.86	1190.32
			1.062	26.97		848.75	1263.080
			1.125	28.58		898.34	1336.88
1.188	30.18		947.85	1410.56			
1.250	31.75		996.46	1482.94			

# TUBERÍA ESTRUCTURAL

Dimensiones y pesos tubería acero con y sin costura convencionales de acuerdo a fórmula peso específico 7850 kg /m<sup>3</sup>

Nominal Diámetro	Diámetro Exterior		Espesor de pared		Cédula Schedule / Designation	Weight	Peso
	Outside Diameter	Diameter	Wall thickness	Wall thickness		Lb/ft	Kg/m
<i>in</i>	<i>in</i>	<i>mm</i>	<i>in</i>	<i>mm</i>			
80	80.000	2,032.0	0.562	14.27		476.12	708.54
			0.625	15.88		529.07	787.35
			0.688	17.48		581.94	866.02
			0.750	19.05		633.89	943.3310
			0.812	20.62		685.75	1020.51
			0.875	22.23		738.37	1098.81
			0.938	23.83		790.90	1176.99
			1.000	25.40		842.52	1253.80
			1.062	26.97		894.05	1330.49
			1.125	28.58		946.33	1408.30
			1.188	30.18		988.53	1485.97
1.250	31.75		1049.81	1562.30			

## CONVERSIÓN DE PESO

TABLA DE CONVERSIÓN DE PESO

	Kilogramos	Ton. Mét.	Onza	Libra	Ton. Larga	Ton. Corta
Kilogramos	1	0.001	35.27	22	0.000984	0.001102
Ton. Mét.	1000	1	35274	2204.62	0.98421	110,231
Onza	0.028349	0.000028	0	0.0625	0.000028	0.000031
Libra	0.45359	0.000454	16	1	0.000446	0.0005
L. Ton	1016.05	101,605	35840	2240	1	1.12
Sh. Ton	907,185	0.90718	32000	2000	0.89286	1

	Metro	Km	Pulgada	Pie	Milla Terr.
Metro	1	0.001	393701	3.28084	0.0006621
Km	1000	1	39370.1	3280.84	0.62137
Pulgada	0.025399	0.00005	1	0.08333	0.000015
Pie	0.304794	0.000304	12	1	0.000189
Milla Terr.	1609.34	160.934	63360	5280	1

## CONVERSIÓN DE PESO

$$1 \text{ lb/ft} = 1.4882 \text{ Kg/m}$$

$$1 \text{ Kg/m} = 0.672 \text{ lb/ft}$$

### Fórmula Peso Lineal Tubería Extremos Lisos

donde:  $P = (D - e) * e * 0.02466$

P = Peso en Kg/m

D = Diámetro exterior en milímetros

e = espesor de pared en milímetros

TÉRMINOS CONVENCIONALES	
API	American Petroleum Institute
ANSI	American National Standards
ASME	American Society of Mechanical Engineers
ASTM	American Society of Testing Materials
NACE	National Association of Corrosion Engineers
AWWA	American Water Works Association
SSAW	Spiral / helical Seam Submerged Arc Welded pipe
DSAW	Double seam Sumerged Arc Welded pipe
LSAW	Longitudinal seam Submerged Arc Welded pipe (one seam)
ARW - HFI	Electric Resistance Welded High Frecuency Induced
EFW	Electric Fusion Welded Tube
SRL	American Petroleum InstitSingle Random Lenghts; minimum avarge lengths 14'6" shortest lenght permissible is 9"
DRL	Double random Lenghts; minimum average lengths 35' shortest lenght permissible is 14'

### Presión Hidrostática (Fórmula Barlow)

$$P \text{ (psi)} = \frac{2Se}{D}$$

donde:

P = Presión en psi

D = Diámetro externo en pulgadas

e = espesor de pared en pulgadas

S = Limite Elástico (Ys) en psi

$$P \text{ (MPa)} = \frac{2Se}{D}$$

donde:

P = Presión en Mpa

D = Diámetro externo en milímetros

e = espesor de pared en milímetros

S = Limite Elástico (Ys) en Mpa



CONSTRUCCIÓN  
MARESTA



VAMOS A TODA LA REPUBLICA MEXICANA



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