



CATÁLOGO

COBRE

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GUÍA DE SELECCIÓN | ALEACIONES

RWMA CLASE	CONDICIÓN	COMPOSICIÓN	ALEACIÓN	DUREZA ROCKWELL	CONDUCTIVIDAD ELÉCTRICA % I.A.C.S.	RESISTENCIA A LA TRACCIÓN PSI	ELONGACIÓN % EN 2"	TEMPERATURA DE RECOCIDO	
								°C	°F
1	Estirado	Cobre Zirconio	15000	70 B	90	66,000	10	500	930
2	Fundición	Cobre, Cromo	13200	70 B	80	50,000	20	500	930
	Estirado			83 B	85	75,000	15		
2	Estirado	Cobre Cromo Zirconio	18150	82 B	85	75000	15	500	930
3	Fundición Estirado	Cobre Níquel Silicio Cromo	18000	94 B	48	100,000	13	455	850
				90 B		85,000	10		
3	Estirado	Cobre Níquel Berilio	17510	100 B	48	110,000	10	455	850
4	Fundición	Cobre Berilio	17200	38 C	20	110,000	2	375	710
	Estirado			38 C	23	170,000	4		
5	Fundición Estirado	Cobre Aluminio	953	92 B	13	85,000	15	620	1150
-	Fundición Estirado	Cobre Puro	11000	10 F	95	25,000	50	200	390
				40 F	100	40,000			
20	Estirado	Cobre - Al205	-	75 B	85	54,000	25	800	1475



LÁMINA-PLACA

EN HOJA TEMPLE RECOCIDO | COBRE 1100

B.W.G.	Calibre		Dimensiones	Peso aprox.	
	MM	Pul		Por lámina	Por m2
1/4	6.35	0.250	.91 x 3.05	157.738	56.596
			.91 x 2.44	126.191	
3/16	4.76	0.188	.91 x 3.05	118.619	42.56
			.91 x 2.44	94.895	
5/32	3.97	0.156	.91 x 3.05	98.429	35.316
			.91 x 2.44	78.743	
1/8	3.18	0.125	.91 x 3.05	78.869	28.298
			.91 x 2.44	63.096	
3/32	2.38	0.094	.91 x 3.05	59.309	21.28
			.91 x 2.44	47.447	
14	2.11	0.083	.91 x 3.05	52.369	18.79
			.91 x 2.44	41.896	
16	1.65	0.065	.91 x 3.05	41.012	14.715
			.91 x 2.44	32.810	
18	1.25	0.049	.91 x 2.44	30.917	11.093
			.91 x 3.05	24.734	
20	0.89	0.035	.91 x 3.05	21.99	7.923
			.91 x 2.44	17.592	
22	0.71	0.028	.91 x 2.44	17.594	6.339
			.91 x 3.05	14.752	
24	0.56	0.022	.91 x 3.05	13.822	4.98
			.91 x 2.44	11.058	
26	0.46	0.018	.91 x 3.05	11.311	4.075
			.91 x 2.44	9.049	
			.61 x 2.44	6.06	



SUMINISTRO DE METALES TULTITLÁN SA DE CV

CATÁLOGO DE COBRE

LÁMINA

EN ROLLO

TEMPLE RECOCIDO | COBRE 1100

B.W.G.	Calibre		Ancho del Rollo	Peso aproximado	
	Milímetros	Pulgadas		Por m2	Por lámina
26	0.46	0.018	61	4.073	2.485
28	0.36	0.014	61	3.173	1.936
30	0.31	0.012	61	2.718	1.658
32	0.23	0.009	20	2.041	0.414
34	0.18	0.007	20	1.587	0.322
36	0.1	0.004	15	0.9	0.135



BARRAS

REDONDAS

LARGO STANDARD: 3.66 M | COBRE 11000

Diámetro		Pesos aprox. por metro
mm.	Pulgadas	
4.8	3/16	0.159
6.4	1/4	0.282
7.9	5/16	0.441
9.5	3/8	0.635
11.1	7/16	0.864
12.7	1/2	1.129
15.9	5/8	1.763
19	3/4	2.422
22.2	7/8	3.296
25.4	1	4.516
28.6	1 1/8	5.715
31.7	1 1/4	7.056
38.1	1 1/2	10.16
44.4	1 3/4	13.829
50.8	2	18.066
57.1	2 1/4	22.857
63.5	2 1/2	28.229
76.2	3	40.64
88.9	3 1/2	62.07
101.6	4	72.25
127	5	113.181
152.4	6	163.83

CUADRADAS

LARGO STANDARD: 3.66 M | COBRE 11000

Dimensiones		Pesos aprox. por metro
mm.	Pulgadas	
6.4	1/4	0.359
7.9	5/16	0.561
9.5	3/8	0.808
11.1	7/16	1.1
12.7	1/2	1.437
15.9	5/8	2.245
19	3/4	3.235
22.2	7/8	4.401
25.4	1	5.749
31.7	1 1/4	8.984
38.1	1 1/2	12.936
44.4	1 3/4	17.603
50.8	2	23.006
63.5	2 1/2	35.938
76.2	3	51.756

**LARGO STANDARD: 3.66M | COBRE 1100**

Dimensiones		Pesos aprox. por metro
mm.	Pulgadas	
3.2 x 9.5	1/8 x 3/8	0.27
3.2 x 12.7	1/8 x 1/2	0.359
3.2 x 15.9	1/8 x 5/8	0.449
3.2 x 19.0	1/8 x 3/4	0.539
3.2 x 25.4	1/8 x 1	0.719
3.2 x 31.7	1/8 x 1 1/4	0.898
3.2 x 38.1	1/8 x 1 1/2	1.078
3.2 x 50.8	1/8 x 2"	1.437
4.8 x 12.7	3/16 x 1/2	0.539
4.8 x 15.9	3/16 x 5/8	0.674
4.8 x 19.0	3/16 x 3/4	0.809
4.8 x 25.4	3/16 x 1	1.078
4.8 x 31.7	3/16 x 1 1/4	1.348
4.8 x 38.1	3/16 x 1 1/2	1.617
4.8 x 50.8	3/16 x 2"	2.156
6.4 x 12.7	1/4 x 1/2	0.719
6.4 x 15.9	1/4 x 5/8	0.898
6.4 x 19.0	1/4 x 3/4	1.078
6.4 x 25.4	1/4 x 1	1.437
6.4 x 31.7	1/4 x 1 1/4	1.798
6.4 x 38.1	1/4 x 1 1/2	2.156
6.4 x 50.8	1/4 x 2	2.875
6.4 x 63.5	1/4 x 2 1/2	3.594
6.4 x 76.2	1/4 x 3	4.312
6.4 x 101.6	1/4 x 4	5.75
9.5 x 19.0	3/8 x 3/4	1.618
9.5 x 25.4	3/8 x 1	2.156
9.5 x 31.7	3/8 x 1 1/4	2.695

SOLERAS DE COBRE BERILIO Y/O ZIRCONIO: POR PEDIDO

SOLERAS

**LARGO STANDARD: 3.66M | COBRE 1100**

Dimensiones		Pesos aprox. por metro
mm.	Pulgadas	
9.5 x 38.1	3/8 x 1 1/2	3.235
9.5 x 50.8	3/8 x 2"	4.313
9.5 x 63.5	3/8 x 2 1/2	5.391
9.5 x 76.2	3/8 x 3"	6.469
9.5 x 101.6	3/8 x 4"	8.625
12.7 x 25.4	1/2 x 1"	2.875
12.7 x 31.7	1/2 x 1 1/4	3.594
12.7 x 38.1	1/2 x 1 1/2	4.313
12.7 x 50.8	1/2 x 2"	5.75
12.7 x 63.5	1/2 x 2 1/2	7.188
12.7 x 76.2	1/2 x 3	8.625
12.7 x 101.6	1/2 x 4	11.501
12.7 x 127.0	1/2 x 5	14.376
12.7 x 152.4	1/2 x 6	17.251
15.9 x 76.2	5/8 x 3	10.798
15.9 x 101.6	5/8 x 4	14.399
19 x 50.8	3/4 x 2	8.625
19 x 76.2	3/4 x 3	12.939
19 x 101.6	3/4 x 4	17.25
19 x 127.0	3/4 x 5	21.565
19 x 152.4	3/4 x 6	25.878
25.4 x 50.8	1 x 2	11.5
25.4 x 76.2	1 x 3	17.25
25.4 x 101.6	1 x 4	23
25.4 x 127.0	1 x 5	28.75
25.4 x 152.4	1 x 6	34.5
38.1 x 76.2	1 1/2 x 3	25.878
38.1 x 101.6	1 1/2 x 4	34.5
38.1 x 152.4	1 1/2 x 6	51.756

SOLERAS DE COBRE BERILIO Y/O ZIRCONIO: POR PEDIDO

SOLERAS



TUBOS

RÍGIDO DIMENSIONAL

LARGO STANDARD: 6.10 | COBRE 1100

Diámetro		Espesor de pared		Peso aproximado	
MM	Pulg.	MM	Pulg.	MTS	Tramo
6.4	1/4	1.24	0.049	0.179	1.092
7.9	5/16	1.24	0.049	0.234	1.427
9.5	3/8	1.24	0.049	0.29	1.769
12.7	1/2	1.24	0.049	0.4	2.44
15.9	5/8	1.24	0.049	0.512	3.123
19	3/4	1.24	0.049	0.622	3.794
25.4	1	1.65	0.065	1.101	6.716
31.7	1 1/4	1.65	0.065	1.396	8.516
38.1	1 1/2	1.65	0.065	1.696	10.346
44.4	1 3/4	1.65	0.065	1.979	12.072
50.8	2	1.65	0.065	2.277	13.89
63.5	2 1/2	2.77	0.109	4.717	28.774
76.2	3	2.77	0.109	5.714	34.855
101.6	4	2.77	0.109	7.678	46.836



TUBOS

S.P.S

**LARGO STANDARD: 6.10
COBRE 1100**

Medida nominal		Diámetro		Espesor de pared	Peso aproximado	
MM	Pulg.	MM	Pulg.		MTS	Tramo
12.7	1/2	21.336	15.898	2.72	1.42	8.668
19	3/4	26.27	20.876	2.9	1.934	11.797
25.4	1	33.401	27.001	3.2	2.708	16.619
31.7	1 1/4	42.164	34.748	3.71	4.003	24.418
38.1	1 1/2	48.26	40.64	3.81	4.762	29.048
50.8	2	60.325	52.401	3.96	6.279	38.302
63.5	2 1/2	73.025	63.525	4.75	9.107	55.553
76.2	3	88.9	77.774	5.56	13.02	79.422
101.6	4	114.3	101.6	6.35	19.195	117.09

RÍGIDO TIPO M

LARGO STANDARD: 6.10 | COBRE 11000

Medida nominal		Diámetro	Espesor de pared	Peso aproximado	
MM	Pulg.			MTS	Tramo
6.4	1/4	9.525	0.635	0.158	0.964
9.5	3/8	12.7	0.635	0.216	1.318
12.7	1/2	15.875	0.711	0.303	1.848
19	3/4	22.225	0.813	0.488	2.977
25.4	1	28.575	0.889	0.692	4.221
31.7	1 1/4	34.925	1.067	1.015	6.192
38.1	1 1/2	41.275	1.245	1.399	8.534
50.8	2	53.975	1.473	2.172	13.249
63.5	2 1/2	66.675	1.651	3.02	18.422
76.2	3	79.375	1.829	3.938	24.022
101.6	4	104.775	2.413	6.935	42.304