

## CARACTERÍSTICAS DEL LATÓN

Latón es un término aplicado a todas las aleaciones cuya base es el Cobre y con altos porcentajes de Zinc. Para lograr determinadas propiedades en algunos casos se requieren pequeños porcentajes de estaño, plomo, aluminio, etc. Las aleaciones de Latón se clasifican en varios grupos, sirviendo de base el contenido de cobre para poderlas diferenciar. El Latón puede ser rechazado, troquelado, torneado, taladrado, soldado, estirado y pulido.

Forma	Especificación	Aleación
Alambres	260 ASTM B-36	Cobre 70%, Zinc 30%
Barras	360 ASTM B-16	Cobre 61.5%, Zinc 35.4%, Plomo 3.1%
Lainas	270 ASTM B-36	Cobre 70%, Zinc 30%
Laminas	270 ASTM B-36	Cobre 70%, Zinc 30%
Soleras	360 ASTM B-16	Cobre 61.5%, Zinc 35.4%, Plomo 3.1%
Telas	260 ASTM B-36	Cobre 70%, Zinc 30%
Terrazos	360 ASTM B-16	Cobre 61.5%, Zinc 35.4%, Plomo 3.1%
Tubos	274 ASTM B-36	Cobre 62%, Zinc 38%

## PESOS Y MEDIDAS

- Barras
- Láminas
- Soleras
- Terrazos
- Tubería

### BARRAS

Tramos de 3.66 mts.

MEDIDAS		PESO APROXIMADO POR METRO LINEAL EN KGS.		
MMS.	PULGS.	REDONDO	CUADRADO	HEXAGONAL
2.4	3/32	0.038	-	-
2.6	0.105	0.045	-	-

3.2	1/8	0.067	0.086	0.074
4.0	5/32	0.105	0.134	0.116
4.8	3/16	0.151	0.193	0.167
5.5	7/32	0.206	-	-
6.0	0.236	0.240	-	-
6.4	1/4	0.269	0.343	0.297
7.1	9/32	0.340	-	-
7.9	5/16	0.420	0.535	0.464
9.5	3/8	0.605	0.771	0.668
10.3	1 3/32	0.710	-	-
11.1	7/16	0.824	1.049	0.909
12.7	1/2	1.076	1.371	1.187
13.5	1 7/32	1.215	-	-
14.3	9/16	1.362	1.735	1.501
15.9	5/8	1.681	2.141	1.854
17.5	1 1/16	2.035	2.590	2.244
19.0	3/4	2.422	3.083	2.671
20.6	1 3/16	2.842	3.619	3.134
22.2	7/8	3.296	4.197	3.635
23.8	1 5/16	3.784	4.818	4.174
25.4	1	4.305	5.481	4.747
27.0	1 1/16	4.860	6.188	5.360
28.6	1 1/8	5.449	6.938	6.008
30.2	1 3/16	6.071	7.730	6.694
31.8	1 1/4	6.727	8.564	7.417
34.9	1 3/8	8.139	10.363	8.975
38.1	1 1/2	9.687	12.334	10.681
44.4	1 3/4	13.185	16.786	14.539
50.8	2	17.216	21.935	18.987
57.2	2 1/4	21.801	-	24.037
63.5	2 1/2	26.903	-	29.678
69.8	2 3/4	32.560	-	-
76.2	3	38.750	-	43.058
88.9	3 1/2	52.756	-	-
101.6	4	68.893	-	-

## LÁMINAS

### LÁMINA LISA

ACABADO BRILLANTE

EN HOJA

Ancho standard 0.61 mts. (2 pies)

Temple semiduro

CALIBRE			LONGITUD DE LA HOJA EN MTS.	PESO APROX. EN KGS.	
BWG	MMS.	PULGS.		M2	HOJA
4	6.05	0.238	1.22	51.194	38.099
6	5.16	0.203	1.22	43.665	32.495
8	4.19	0.165	1.22	35.492	26.413
10	3.40	0.134	1.22	28.823	21.450
12	2.77	0.109	1.22	23.446	17.449
14	2.11	0.083	1.22	17.853	13.286
16	1.65	0.065	1.22	13.982	10.388
16	1.65	0.065	2.50	13.982	21.323
18	1.25	0.049	1.22	10.540	7.870
18	1.25	0.049	2.50	10.540	16.074
20	0.89	0.035	1.22	7.529	5.603
20	0.89	0.035	2.50	7.529	9.185
22	0.71	0.028	1.22	6.023	4.470
22	0.71	0.028	2.50	6.023	9.185
24	0.56	0.022	1.22	4.732	3.526
24	0.56	0.022	2.50	4.732	7.216
26	0.46	0.018	1.22	3.872	2.896
26	0.46	0.018	2.50	3.872	5.905
28	0.36	0.014	1.22	3.011	2.241
30	0.31	0.012	1.22	2.581	1.921

## LÁMINA LISA

Acabado brillante

EN ROLLO

CALIBRE			ANCHO DEL ROLLO EN MTS.	TEMPLE	PESO APROX. POR M2 EN KGS.
BWG	MMS.	PULGS.			
16	1.65	0.065	0.61	SEMIDURO	13.959
18	1.25	0.049	0.61	RECOCIDO	10.540
20	0.89	0.035	0.61	RECOCIDO	7.529
22	0.71	0.028	0.61	RECOCIDO	6.023
24	0.56	0.022	0.61	RECOCIDO	4.732
26	0.46	0.018	0.61	RECOCIDO	3.872
28	0.36	0.014	0.61	RECOCIDO	3.011
30	0.31	0.012	0.61	RECOCIDO	2.581
32	0.23	0.009	0.20	SEMIDURO	1.936
34	0.18	0.007	0.20	SEMIDURO	1.506
36	0.10	0.004	0.20	SEMIDURO	0.860

## SOLERAS

Tramos de 3.66 mts.

MEDIDAS				PESO APROX. POR MT. LINEAL EN KGS.
MMS.		PULGS.		
ESPESOR	ANCHO	ESPESOR	ANCHO	
1.6 X	6.4	1/16 X	1/4	0.086
	9.5		3/8	0.129
	12.7		1/2	0.171
	15.9		5/8	0.214
	19.0		3/4	0.257
	25.4		1	0.342
3.2 X	6.4	1/8 X	1/4	0.171
	9.5		3/8	0.257
	12.7		1/2	0.343
	15.9		5/8	0.428

	19		3/4	0.514
	25.4		1	0.685
	31.7		1 1/4	0.857
	38.1		1 1/2	1.028
	44.4		1 3/4	1.199
	50.8		2	1.371
	101.6		4	2.741
4.8 X	6.4	3/16 X	1/4	0.257
	9.5		3/8	0.386
	12.7		1/2	0.514
	15.9		5/8	0.643
	19.0		3/4	0.771
	25.4		1	1.028
	31.7		1 1/4	1.285
	38.1		1 1/2	1.542
	44.4		1 3/4	1.799
	50.8		2	2.056
	63.5		2 1/2	2.570
	76.2		3	3.084
101.6	4	4.112		
6.4 X	9.5	1/4 X	3/8	0.514
	12.7		1/2	0.685
	15.9		5/8	0.857
	19.0		3/4	1.028
	25.4		1	1.371
	31.7		1 1/4	1.713
	38.1		1 1/2	2.056
	44.4		1 3/4	2.399
	50.8		2	2.741
	63.5		2 1/2	3.426
	76.2		3	4.112
	101.6		4	5.482
9.5 X	12.7	3/8 X	1/2	1.028
	15.9		5/8	1.285
	19.0		3/4	1.542
	25.4		1	2.056

	31.7		1 1/4	2.570
	38.1		1 1/2	3.084
	44.4		1 3/4	3.598
	50.8		2	4.112
	63.5		2 1/2	5.140
	76.2		3	6.168
	101.6		4	8.224
12.7 X	25.4	1/2 X	1	2.741
	38.1		1 1/2	4.112
	50.8		2	5.482
	63.5		2 1/2	6.853
	76.2		3	8.224
	101.6		4	10.965

## TERRAZOS

Tramo Standard 3.66 MTS.

MEDIDAS			PESO APROX. POR MT. LINEAL EN KGS.
MMS.			
A	B	C	
3.2	12.7	6.4	0.258
3.2	19.0	4.8	0.364
3.2	25.4	4.8	0.444
4.8	12.7	6.4	0.344
6.4	12.7	6.4	0.430

## TUBERÍA

Tramos de 3.66 mts.

DIAMETRO EXTERIOR		ESPESOR DE PARED		PESO APROX. x MT. LINEAL EN KGS.
MMS.	PULGS.	MMS.	PULGS.	
4.8	3/16	0.81	0.030	0.086
6.4	1/4	0.81	0.032	0.120

		1.07	0.042	0.150
7.9	5/16	0.81	0.032	0.155
		1.07	0.042	0.195
9.5	3/8	0.81	0.032	0.189
		1.07	0.042	0.241
11.1	7/16	0.81	0.032	0.223
		1.24	0.049	0.327
12.7	1/2	0.81	0.032	0.257
		1.24	0.049	0.381
15.9	5/8	0.81	0.032	0.327
		1.24	0.049	0.487
19.0	3/4	0.81	0.032	0.396
		1.24	0.049	0.592
22.2	7/8	0.81	0.032	0.464
		1.24	0.049	0.696
25.4	1	0.81	0.031	0.534
		1.24	0.049	0.802
31.7	1 1/4	0.81	0.031	0.671
		1.65	0.065	1.326
38.1	1 1/2	0.81	0.032	0.809
		1.65	0.065	1.607
44.4	1 3/4	0.81	0.032	0.946
		1.65	0.065	1.890
50.8	2	0.81	0.032	1.085
		1.65	0.065	2.172
63.5	2 1/2	1.07	0.042	1.771
		2.77	0.109	4.494
76.2	3	1.07	0.042	2.143
		2.77	0.109	5.61
101.6	4	3.18	0.125	8.348