

PLACA

Dimensiones		Peso (kg) Espesor																						
		3"	2 1/2"	2 1/4"	2"	1 3/4"	1 5/8"	1 1/2"	1 3/8"	1 1/4"	1 1/8"	1"	7/8"	3/4"	11/16"	5/8"	9/16"	1/2"	7/16"	3/8"	5/16"	1/4"	3/16"	
pies	metros	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
3x10	0.914 x 3.05																			211	176	141	106	
3x20	0.914 x 6.10																			421	351	281	211	
4x10	1.22 x 3.05																			281	234	187	141	
4x20	1.22 x 6.10																			562	468	375	281	
5x10	1.52 x 3.05	2809	2341	2107	1873	1638	1521	1404	1287	1170	1053	936	819	702	643	585	526	468		409	351	293	234	176
5x20	1.52 x 6.10	5617	4681	4213	3745	3276	3042	2808	2574	2340	2106	1872	1638	1404	1286	1170	1052	936		818	702	585	468	352
6x10	1.83 x 3.05	3370	2809	2528	2247	1966	1826	1685	1545	1404	1264	1124	983	843	772	702	632	562		491	421	351	281	211
6x20	1.83 x 6.10	6740	5617	5055	4494	3932	3651	3370	3089	2808	2528	2247	1966	1685	1543	1404	1263	1123		982	842	702	562	422
7x10	2.14 x 3.05	3932	3277	2949	2621	2294	2130	1966	1802	1639	1475	1311	1147	983	901	819	737	656		573	469	409	328	246
7x20	2.14 x 6.10	7864	6553	5898	5242	4587	4259	3932	3604	3277	2949	2621	2294	1966	1801	1638	1473	1311		1146	938	818	655	492
8x10	2.44 x 3.05	4494	3745	3370	2996	2621	2434	2247	2060	1873	1685	1498	1311	1124	1029	836	842	749		655	562	468	375	281
8x20	2.44 x 6.10	8987	7489	6740	5991	5242	4868	4493	4119	3745	3370	2996	2621	2247	2058	1872	1684	1498		1310	1123	935	749	562
10x20	3.05 x 6.10	11234	9361	8424	7489	6553	6085	5617	5149	4681	4213	3745	3276	2808	2572	2340	2105	1872		1637	1404	1169	936	703

LAMINA NEGRA

Espesor			Peso en kilogramos					
Cálibre	pulg	mm	3" X 6"	3" X 8"	3" X 10"	4" X 8"	4" X 10"	kg/m2
3	0.2391	6.0731	79.699	106.265	132.832	141.687	177.109	47.660
4	0.2242	5.6947	74.732	99.643	124.554	132.858	166.072	44.690
5	0.2092	5.3137	69.732	92.977	116.221	123.969	154.961	41.700
6	0.1943	4.9352	64.766	86.354	107.934	115.139	143.924	38.730
7	0.1793	4.5542	59.766	79.688	99.610	106.251	132.813	35.740
8	0.1644	4.1758	54.799	73.066	91.332	97.421	121.776	32.770
9	0.1495	3.7973	49.833	66.444	83.055	88.591	110.739	29.800
10	0.1345	3.4163	44.833	59.777	74.721	79.703	99.628	26.810
1/8"	0.1250	3.1750	41.666	55.555	69.444	74.073	92.591	24.916
11	0.1196	3.0378	39.866	53.155	66.444	70.878	88.591	23.840
12	0.1046	2.6568	34.866	46.488	58.110	61.984	77.481	20.850
13	0.0897	2.2784	29.900	39.866	49.833	53.155	66.444	17.880
14	0.0747	1.8974	24.900	33.200	41.499	44.266	55.333	14.890
15	0.0673	1.7094	22.433	29.911	37.388	39.881	49.851	13.415
16	0.0598	1.5189	19.933	26.577	33.222	35.437	44.296	11.920
17	0.0538	1.3665	17.933	23.911	29.889	31.881	39.851	10.724
18	0.0478	1.2141	15.933	21.244	26.555	28.326	35.407	9.528
19	0.0418	1.0617	13.933	18.578	23.222	24.770	30.963	8.332
20	0.0359	0.9119	11.967	15.955	19.944	21.274	26.592	7.156
21	0.0329	0.8357	10.967	14.622	18.278	19.496	24.370	6.558
22	0.0299	0.7595	9.967	13.289	16.611	17.718	22.148	5.960
23	0.0269	0.6833	8.967	11.955	14.944	15.941	19.926	5.362
24	0.0239	0.6071	7.967	10.622	13.278	14.163	17.703	4.764
25	0.0209	0.5309	6.967	9.289	11.611	12.385	15.481	4.166
26	0.0179	0.4547	5.967	7.955	9.944	10.607	13.259	3.568
27	0.0164	0.4166	5.467	7.289	9.111	9.718	12.148	3.269
28	0.0149	0.3785	4.967	6.622	8.278	8.830	11.037	2.970
29	0.0135	0.3429	4.500	6.000	7.500	8.000	10.000	2.691
30	0.0120	0.3048	4.000	5.333	6.667	7.111	8.889	2.392

Rolada en caliente

LCR ó LRF

Rolada en frío

LAMINA Y PLACA ANTIDERRAPANTE

Espesor		Peso teóricos			
Cálibre	pulg	3" X 8"	4" X 8"	3" X 10"	4" X 10"
1/4"	0.250	122.58	163.44	153.23	204.31
3/16"	0.188	94.82	126.43	118.53	158.04
10	0.134	74.13	98.84	92.67	123.56
1/8"	0.125	67.06	89.42	83.83	111.78
11	0.119	64.57	86.09	80.71	107.62
12	0.104	57.14	76.19	71.43	95.24
13	0.089	48.98	65.31	61.23	81.64
14	0.074	40.83	54.43	51.03	68.04

LAMINA GALVANIZADA

Perfil	Cálibre	Peso kg/m ²	Compresión superior momento positivo			Compresión superior momento negativo			Acciones permisibles		
			I+ cm4/mt	S+ cm3/mt	MMAX+ kg-m	I- cm4/mt	S- cm3/mt	MMAX- kg-m	Valor máximo kg/mt	Reacciones máximas	Apoyo exterior kg/mt
RN-100/35	26	4.69	10.57	4.42	68.95	6.86		57.41	1065	161	201
	24	5.42	12.76	5.38	83.93	8.21		69.73	1452	208	317
	22	7.60	18.53	8.05	125.58	12.53		110.92	2449	379	772
R-72	30	2.44	2.90	1.73	26.98	2.02		24.34	742	147	181
	28	2.97	3.93	2.41	37.60	2.66		32.92	1279	208	330
	26	3.52	4.93	3.07	47.89	3.38		42.59	1846	279	515
	24	4.06	5.81	3.65	56.94	4.14		50.70	2372	359	731
	22	5.70	8.33	5.34	83.30	6.78		76.44	3393	680	1157
R-101	28	3.46	3.93	2.41	37.60	2.66		32.92	1279	208	330
	26	4.69	4.93	3.07	47.89	3.38		42.59	1846	279	515
	24	5.42	5.81	3.65	56.94	4.14		50.70	2372	359	731
	22	7.60	8.33	5.34	83.30	6.78		73.44	3393	680	1557
O-725	30	2.44	1.84	1.90	29.64	ancho efectivo 71.46 cm ancho total 79.71 cm					
	28	2.97	2.28	2.35	36.68						
	26	3.52	2.74	2.82	44.00						
	24	4.06	3.20	3.30	51.50						
O-100	28	3.96	2.28	2.35	36.66	ancho efectivo 98.28 cm (cubiertas) ancho efectivo 103.22 cm (muros) ancho total 106.36 cm					
	26	4.69	2.74	2.82	44.00						
	24	5.42	3.20	3.30	51.50						
SECC-25	24	5.42	45.11	11.93		50.54	ancho efectivo 91.44 cm				
	22	7.60	69.54	19.22		72.31					
	20	9.06	86.34	24.54		86.81					
	18	11.96	114.63	35.25		114.63					
R-90	26	5.21	81.48	8.92	ancho efectivo 90.00 cm ancho total 95.55 cm						
	24	6.02	100.07	11.26							
	22	8.44	155.93	18.39							