



**ACEROS SINERGIA**

*"ACERO CON SINERGIA"*

**SERVICIO AL CLIENTE**    **PRECIO JUSTO**  
**TRABAJO EN EQUIPO**    **CALIDAD**  
**= SINERGIA**

## Misión

Establecer una relación a largo plazo con nuestros clientes, creando relaciones fuertes y consolidadas al trabajar en sinergia con ellos, ofreciéndoles el mejor servicio de venta y distribución de productos de acero y de construcción.

## Visión

Ser una empresa competitiva, reconocida y posicionada en el mercado del acero y productos para la construcción, abarcando ventas a nivel nacional; creando sinergia y experiencias gratas con nuestros clientes.

## Valores

En **ACEROS SINERGIA** estamos convencidos que trabajando en conjunto lograremos satisfacer las necesidades de nuestros clientes, quienes forman parte imprescindible de nuestra empresa, por esta razón **ACEROS SINERGIA** tiene los siguientes valores enfocados a nuestra organización, clientes y proveedores:

**Honestidad**  
**Trabajo en equipo y amistad**  
**Compromiso y Responsabilidad**  
**Lealtad**

**ACERO CON SINERGIA**

Los pesos reales pueden variar  
± 5% en referencia al peso teórico.

# CUADRADOS

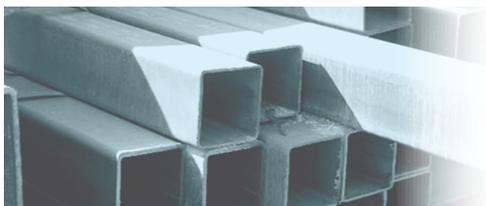
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	20	3.20	
<b>AC087</b>	18	4.95	
	20	3.74	
<b>AC100</b>	18	5.65	
	20	4.28	
<b>AC125</b>	18	7.20	
	20	5.40	
<b>AC150</b>	18	8.65	
	20	6.49	
<b>AC200</b>	18	11.57	

# RECTANGULARES

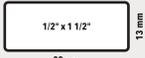
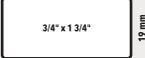
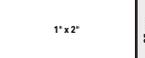
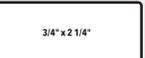
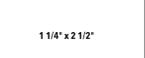
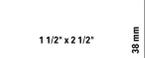
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<b>AR100</b>	18	4.20	
	20	3.19	
<b>AR125</b>	18	5.70	
	20	4.26	

ACEROSNERGIA

**PERFILES**  
Tubulares



# RECTANGulares

Clave	Calibre		Kg/Pieza	Gráfico
AR150	18		5.65	
	20		4.18	
AR175	18		7.20	
	20		5.41	
AR200	18		8.65	
	20		6.49	
AR225	18		8.65	
	20		6.47	
AR229	18		7.19	
	20		5.41	
AR249	18		10.98	
	20		8.13	
AR250	18		11.57	
	20		9.52	
AR300	18		12.60	
	20		9.52	
AR400	18		15.60	
	20		11.79	

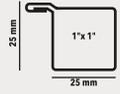
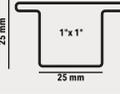
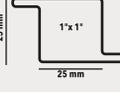
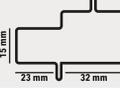
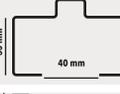
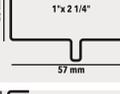
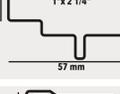
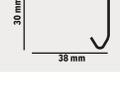
ACERO SINERGIÁ

## PERFILES

### Tubulares



# PARA PUERTAS Y VENTANAS

Clave	Calibre	Kg/Pieza	Gráfico
<b>A101</b>	18	7.40	
	20	5.55	
<b>A103</b>	18	8.20	
	20	6.15	
<b>A106</b>	18	8.14	
	20	6.14	
<b>A116</b>	20	8.49	
<b>A120</b>	18	8.16	
<b>A121</b>	18	7.84	
	20	5.96	
<b>A122</b>	18	7.51	
	20	5.64	
<b>A123</b>	18	8.33	
	20	6.23	
<b>A124</b>	18	4.16	

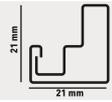
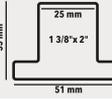
ACERO SINERGIÁ

U

**PERFILES**  
Tubulares



# PARA PUERTAS Y VENTANAS

Clave	Calibre	Kg/Pieza	Gráfico
<b>A131</b>	20	3.94	
<b>A144</b>	18	9.06	
<b>A145</b>	20	3.92	
<b>A154</b>	18	1.47	
	20	1.10	
<b>A155</b>	20	1.51	
<b>A156</b>	20	2.55	
<b>A159</b>	18	10.40	
	20	7.98	
<b>A1400</b>	18	7.22	
<b>A1500</b>	14	16.92	



## PERFILES

### Tubulares



Clave	Calibre	Kg/Pieza	Gráfico
<b>AP100</b>	18	8.05	
	20	6.10	
<b>AP126</b>	18	10.29	
	20	7.82	
<b>AP150</b>	18	9.60	
	20	7.27	
<b>AP200</b>	18	10.97	
	20	8.30	
<b>AP250</b>	18	15.50	
	20	9.42	
<b>AP300</b>	18	13.87	
	20	10.43	
<b>AP400</b>	18	16.75	
	20	12.38	

# CON DOBLE CEJA

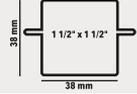
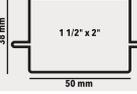
Clave	Calibre	Kg/Pieza	Gráfico
<b>AK100</b>	18	8.92	
<b>AK127</b>	18	11.10	
	20	8.41	

# PERFILES

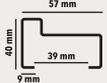
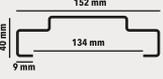
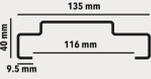
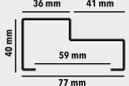
Tubulares



# CON DOBLE CEJA

Clave	<b>AK150</b>	Calibre	18	Kg/Pieza	10.40	Gráfico	
Clave	<b>AK200</b>	Calibre	18	Kg/Pieza	12.50	Gráfico	
Clave	<b>AK300</b>	Calibre	18	Kg/Pieza	15.20	Gráfico	

## MARCOS

Clave	* <b>AM129</b>	Calibre	18	Kg/Pieza	7.52	Gráfico	
		Calibre	20	Kg/Pieza	5.64	Gráfico	
Clave	* <b>AM130</b>	Calibre	20	Kg/Pieza	9.34	Gráfico	
Clave	* <b>AM167</b>	Calibre	20	Kg/Pieza	8.70	Gráfico	
Clave	<b>AM300</b>	Calibre	20	Kg/Pieza	6.44	Gráfico	

\* 5.50 Mts de largo  
Solo sobre pedido

# PERFILES

## Tubulares



# DUELAS PARA ENSAMBLE

Clave	<b>A170</b>	Calibre	20	Kg/Pieza	9.20	Gráfico	
Clave	<b>A171</b>	Calibre	20	Kg/Pieza	5.21	Gráfico	

# PASAMANOS Y CERCHA CAMIONERA

Clave	<b>A160</b>	Calibre	18	Kg/Pieza	8.64	Gráfico	
		Calibre	20				
Clave	<b>A030</b>	Calibre	18	Kg/Pieza	2.78	Gráfico	

Los pesos de los materiales pueden variar  $\pm 5\%$  en referencia a su peso real.

# TUBERÍA INDUSTRIAL

Medida	<b>1/2"</b>	Calibre	18	Kg/Pieza	2.15
		Calibre	20	Kg/Pieza	1.66
Medida	<b>5/8"</b>	Calibre	18	Kg/Pieza	2.72
		Calibre	20	Kg/Pieza	2.04
Medida	<b>3/4"</b>	Calibre	18	Kg/Pieza	3.30
		Calibre	20	Kg/Pieza	2.51
Medida	<b>7/8"</b>	Calibre	18	Kg/Pieza	3.90
		Calibre	20	Kg/Pieza	2.95
Medida	<b>1"</b>	Calibre	16	Kg/Pieza	5.51
		Calibre	18	Kg/Pieza	4.44
		Calibre	20	Kg/Pieza	3.38
Medida	<b>1 1/4"</b>	Calibre	16	Kg/Pieza	6.98
		Calibre	18	Kg/Pieza	5.72
		Calibre	20	Kg/Pieza	4.26

Medida	<b>1 1/2"</b>	Calibre	16	Kg/Pieza	8.36
		Calibre	18	Kg/Pieza	6.82
		Calibre	20	Kg/Pieza	5.13
Medida	<b>1 3/4"</b>	Calibre	16	Kg/Pieza	9.80
		Calibre	18	Kg/Pieza	7.97
		Calibre	20	Kg/Pieza	6.00
Medida	<b>2"</b>	Calibre	16	Kg/Pieza	11.97
		Calibre	18	Kg/Pieza	9.15
		Calibre	20	Kg/Pieza	6.84
Medida	<b>2 1/2"</b>	Calibre	16	Kg/Pieza	14.35
		Calibre	18	Kg/Pieza	11.55
Medida	<b>3"</b>	Calibre	16	Kg/Pieza	16.98
		Calibre	18	Kg/Pieza	13.86
		Calibre	20	Kg/Pieza	1.34

Solo Sobre Pedido



# TIPO CÉDULA 30

Los pesos reales pueden variar  
±5% en referencia al peso teórico.

Medida Cédula 30	Diámetro		Calibre	Mm	Kg X M	Kg X Pza	Largo
	Interior	Exterior					
1/2"	0.69"	0.84"	14	1.9	0.93	5.58	6.0
3/4"	0.90"	1.05"	14	1.9	1.19	7.14	6.0
1	1.14"	1.32"	13	2.3	1.80	10.80	6.0
1" Ligero	1.17"	1.32"	14	1.9	1.50	9.00	6.0
1 1/4"	1.45"	1.66"	12	2.7	2.67	16.02	6.0
1 1/4" Ligero	1.48"	1.66"	13	2.3	2.29	13.74	6.0
1 1/2"	1.69"	1.90"	12	2.7	3.06	18.36	6.0
1 1/2" Ligero	1.72"	1.90"	13	2.3	2.63	15.78	6.0
2"	2.17"	2.38"	12	2.7	3.84	23.04	6.0
2 1/2"	2.64"	2.88"	11	3.0	5.32	31.92	6.0
3"	3.26"	3.50"	11	3.0	6.51	39.06	6.0
4"	4.26"	4.50"	11	3.0	8.42	50.52	6.0

# TIPO CÉDULA 40

Medida Cédula 40	Diámetro		Calibre	Mm	Kg X M	Kg X Pza	Largo
	Interior	Exterior					
1/2"	0.63"	0.84"	12	2.7	1.29	8.25	6.4
3/4"	0.84"	1.05"	12	2.7	1.63	10.43	6.4
1	1.08"	1.32"	11	3.0	2.36	15.10	6.4
1 1/4"	1.39"	1.66"	10	3.4	3.35	21.44	6.4
1 1/2"	1.63"	1.90"	10	3.4	3.86	24.70	6.4
2"	2.08"	2.38"	10	3.4	4.90	31.36	6.4
2 1/2"	2.50"	2.88"	7	4.5	7.80	49.92	6.4

El diámetro de este producto es nominal.  
Solo Sobre Pedido

# TUBO

## Estructural



# TUBO ESTRUCTURAL CALIBRE 7

Medida Calibre 7	Diámetro		Calibre	Mm	Kg X M	Kg X Pza	Largo
	Interior	Exterior					
<b>3"</b>	3.14"	3.50"	7	4.5	9.62	61.56	6.4
<b>4"</b>	4.14"	4.50"	7	4.5	12.47	79.80	6.4
<b>6"</b>	6.27"	6.63"	7	4.5	18.49	114.63	6.2
<b>8"</b>	8.27"	8.63"	7	4.5	24.19	149.97	6.2

PSI=Presión libra/pulgada<sup>2</sup>

El diámetro de este  
producto es nominal.

## TUBO DE CONDUCCIÓN A53 GRADO B

Diámetro		Espesor de pared	Mm	Cédula	Kg X Pza	Presión PSI	Largo
Nominal	Exterior						
<b>3"</b>	<b>3.5"</b>	0.216"	5.49	40	74.42	2500	6.4
<b>4"</b>	<b>4.5"</b>	0.236"	6.02	40	105.24	2210	6.4
<b>6"</b>	<b>6.63"</b>	0.250"	3.36	N/A	160.09	1580	6.2
<b>6"</b>	<b>6.63"</b>	0.280"	7.11	40	178.55	1780	6.2
<b>8"</b>	<b>8.63"</b>	0.250"	6.35	20	208.61	1220	6.2
<b>8"</b>	<b>8.63"</b>	0.322"	8.18	40	267.10	1570	6.2

Los pesos de los materiales pueden variar  
± 5% en referencia a su peso real.

## HSS

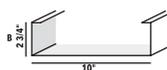
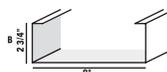
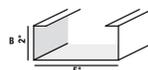
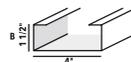
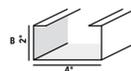
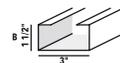
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Pulgadas	Milímetros	Pulgadas	Milímetros				
<b>4 X 4</b>	<b>101.6 X 101.6</b>	1/4	0.250	6.35	18.47	112.67	225.33
<b>4 X 4</b>	<b>101.6 X 101.6</b>	3/8	0.375	9.53	26.93	164.27	328.55
<b>4 X 4</b>	<b>101.6 X 101.6</b>	1/2	0.500	12.70	35.23	214.90	429.81
<b>6 X 6</b>	<b>152.4 X 152.4</b>	1/4	0.250	6.35	28.30	172.63	345.26
<b>6 X 6</b>	<b>152.4 X 152.4</b>	3/8	0.375	9.53	40.85	249.18	498.37
<b>6 X 6</b>	<b>152.4 X 152.4</b>	1/2	0.500	12.70	54.14	330.25	660.51
<b>8 X 8</b>	<b>203.2 X 203.2</b>	1/4	0.250	6.35	38.40	234.24	468.48
<b>8 X 8</b>	<b>203.2 X 203.2</b>	3/8	0.375	9.53	56.10	342.21	684.42
<b>8 X 8</b>	<b>203.2 X 203.2</b>	1/2	0.500	12.70	72.69	443.41	886.82

## HSS



# TABLA DE PESOS TEÓRICOS

Medida	Patín	Calibre	Kg X M	Kg X Pza
3"x 6	1 1/2"	14	2.53	15.18
3"x 6	1 1/2"	16	2.04	12.21
4"x 4	2"	14	3.29	13.16
4"x 5	2"	14	3.29	16.45
4"x 6	2"	14	3.29	19.74
4"x 6	2"	16	2.65	15.91
5"x 5	2"	14	3.65	18.25
5"x 6	2"	14	3.65	21.90
6"x 6	2"	14	4.04	24.24
8"x 6	2 3/4"	14	5.47	32.82
8"x 8	2 3/4"	12	7.48	59.84
8"x 8	1 3/4"	14	5.47	43.76
10"x 10	2 3/4"	14	6.17	61.70
12"x 12	3 1/2"	14	7.63	91.56



Los pesos reales pueden variar  $\pm 5\%$  en referencia al peso teórico.  
Solo Sobre Pedido



**POLÍN**  
Montén pintado

# TABLA DE PESOS TEÓRICOS

12

\*Largo a 6.10 m

Medida	Calibre	Color	Kg X Pza	Largo
*3/4 x 3/4	14	Azul	6.30	6.10
1x1	16	Naranja	6.96	6.00
1x1	14	Azul	8.58	6.00
1x1	13	Rosa	10.20	6.00
1x1	10	Verde	15.30	6.00
1 1/4 x 1 1/4	16	Naranja	8.90	6.00
1 1/4 x 1 1/4	14	Azul	10.98	6.00
1 1/4 x 1 1/4	13	Rosa	13.08	6.00
1 1/2 x 1 1/2	16	Naranja	10.70	6.00
1 1/2 x 1 1/2	14	Azul	13.14	6.00
1 1/2 x 1 1/2	12	Blanco	18.36	6.00
1 1/2 x 1 1/2	11	Amarillo	20.94	6.00
1 1/2 x 1 1/2	10	Verde	23.40	6.00
2x1	14	Azul	13.14	6.00
2x2	16	Naranja	14.40	6.00
2x2	14	Azul	17.88	6.00
2x2	12	Blanco	24.78	6.00
2x2	11	Amarillo	28.20	6.00
2x2	10	Verde	31.56	6.00
2 1/2 x 1 1/4	14	Azul	16.68	6.00
2 1/2 x 1 1/2	14	Azul	17.88	6.00
2 1/2 x 2 1/2	14	Azul	22.32	6.00
2 1/2 x 2 1/2	11	Amarillo	35.34	6.00
2 1/2 x 2 1/2	10	Verde	39.60	6.00
*2 1/2 x 2 1/2	7	Rojo	53.25	6.10
3 x 1 1/2	14	Azul	20.10	6.00

## PTR



Medida	Calibre	Color	Kg X Pza	Largo
3 x 2	14	Azul	22.32	6.00
3 x 2	11	Amarillo	35.34	6.00
3 x 2	10	Verde	39.60	6.00
*3 x 2	7	Rojo	53.25	6.10
3 x 3	14	Azul	26.88	6.00
3 x 3	11	Amarillo	42.48	6.00
3 x 3	10	Verde	47.64	6.00
*3 x 3	7	Rojo	64.11	6.10
3 1/2 x 3 1/2	14	Azul	31.38	6.00
3 1/2 x 3 1/2	11	Amarillo	49.68	6.00
3 1/2 x 3 1/2	10	Verde	55.68	6.00
*3 1/2 x 3 1/2	7	Rojo	79.96	6.10
*4 x 1 1/2	14	Azul	25.01	6.10
4 x 2	14	Azul	26.88	6.00
4 x 2	11	Amarillo	42.48	6.00
4 x 2	10	Verde	47.64	6.00
*4 x 2	7	Rojo	64.11	6.10
4 x 3	14	Azul	31.38	6.00
4 x 3	11	Amarillo	49.68	6.00
4 x 3	10	Verde	55.68	6.00
4 x 3	7	Rojo	79.96	6.10
4 x 4	14	Azul	36.06	6.00
4 x 4	11	Amarillo	56.82	6.00
4 x 4	10	Verde	63.78	6.00
*4 x 4	7	Rojo	85.82	6.10
*5 x 2	14	Azul	31.72	6.10
*6 x 2	14	Azul	36.06	6.10


**PTR**

## Norma ASTM A36, A572, A709, A283, A285, A285-C, A516-70

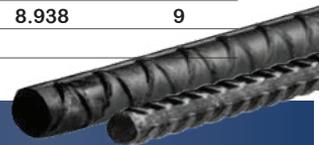
Medidas		3/16"	1/4"	5/16"	3/8"	1/2"	5/8"	3/4"
Pies	Metros	4.8 mm.	6.4 mm.	7.9 mm.	9.5 mm.	12.7 mm.	15.9 mm.	19.1 mm
3'x10'	.91 x 3.05	107	142	178	214	285	356	428
4'x10'	1.22x3.05	142	190	238	285	380	475	570
4'x20'	1.22x6.10	285	380	475	570	760	950	1140
5'x10'	1.52x3.05	178	237	296	355	473	592	710
5'x20'	1.52x6.10	355	473	592	710	947	1184	1420
6'x20'	1.83x6.10	427	570	713	855	1140	1425	1710
8'x20'	2.44x6.10	570	760	950	1140	1520	1900	2280
10'x20'	3.04x6.10	712	947	1184	1420	1894	2367	2841
	kilos por m <sup>2</sup>	38.30	51.06	63.83	76.59	102.12	127.66	153.19
	kilos por pie <sup>2</sup>	3.56	4.74	5.93	7.11	9.48	11.85	14.23

Medidas		7/8"	1"	1 1/8"	1 1/4"	1 1/2"	1 3/4"	2"
Pies	Metros	22.2 mm.	25.4 mm.	28.5 mm.	31.7 mm.	38.1 mm.	44.5 mm.	50.8 mm
3'x10'	.914 x 3.05	498	569	640	712	854	996	1138
4'x10'	1.22 x 3.05	664	759	854	949	1139	1328	1518
5'x10'	1.52 x 3.05	830	949	1067	1186	1423	1660	1897
5'x20'	1.52 x 6.10	1660	1898	2135	2372	2846	3321	3795
6'x20'	1.83 x 6.10	1992	2277	2562	2846	3416	3985	4554
8'x20'	2.44 x 6.10	2657	3036	3416	3795	4554	5313	6072
10'x20'	3.04 x 6.10	3321	3795	4269	4744	5693	6641	7590
	kilos por m <sup>2</sup>	178.72	204.25	229.78	255.30	306.37	357.43	408.49
	kilos por pie <sup>2</sup>	16.16	18.67	21.04	23.71	28.45	32.89	37.93

## VARILLA CORRUGADA

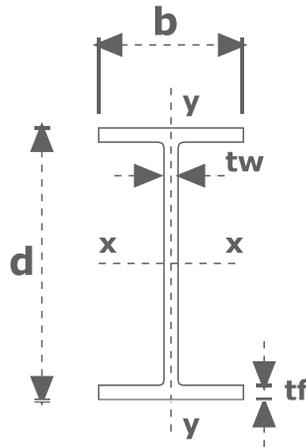
### Norma NMX-B-506 (R-42) Y Norma NMX-B-72 (R-6000)

No.	Diámetro nominal		Á	Perímetro En cm	Kg x ml	Pzas x ton (Aprox)
	mm	pulgadas				
**_	--	5/32	0.12	--	0.100	1666
**_	--	3/16	0.18	--	0.133	1253
**_	--	1/4	0.32	--	0.250	667
**_	--	5/16	0.49	--	0.384	434
*2.5	7.9	5/16	0.49	2.48	0.384	217
*3	9.5	3/8	0.71	2.98	0.557	150
*4	12.7	1/2	1.27	3.99	0.996	84
*5	15.9	5/8	1.99	5.00	1.580	53
*6	19.1	3/4	2.87	6.00	2.250	37
*8	25.4	1	5.07	7.98	3.975	21
*10	31.8	1 1/4	7.94	9.99	6.225	13
*12	38.1	1 1/2	11.4	11.97	8.938	9
**			R-6000			
*			R-42			



Medida	Peso		Área	Peralte	Patín		Alma
	lb/ft	kg/m	A in 2	D in	B in	Tf in	Tw in
W6 (6 X 4)	8.5	12.6	2.52	5.83	3.94	0.18	0.17
	9	13.39	2.68	5.90	3.94	0.215	0.170
	12	17.86	3.55	6.03	4.00	0.280	0.230
	16	23.81	4.74	6.28	4.03	0.405	0.260
W6 (6 X 6)	15	22.35	4.43	5.99	5.99	0.260	0.230
	20	29.80	5.87	6.20	6.02	0.370	0.260
	25	37.20	7.34	6.38	6.08	0.460	0.320
W8 (8X4)	10	14.88	2.96	7.89	3.94	0.205	0.170
	13	19.34	3.84	7.99	4.00	0.255	0.230
	15	22.32	4.44	8.11	4.02	0.315	0.245
W8 (8X5 1/4)	18	26.78	5.26	8.14	5.25	0.330	0.230
	21	31.25	6.16	8.28	5.27	0.400	0.250
W8 (8X6 1/2)	24	35.72	7.08	7.93	6.50	0.400	0.250
W8 (8 X 8)	31	46.19	9.13	8.00	7.99	0.435	0.285
	35	52.20	10.30	8.12	8.02	0.495	0.310
	40	59.58	11.70	8.25	8.07	0.560	0.360
	48	71.40	14.10	8.50	8.11	0.690	0.400
	58	86.30	17.10	8.75	8.22	0.810	0.510
	67	99.79	19.70	9.02	8.28	0.935	0.570
W10 (10X4)	12	17.86	3.54	9.87	3.96	0.210	0.190
	15	22.32	4.41	9.99	4.00	0.270	0.230
	17	25.30	4.99	10.11	4.01	0.330	0.240
	19	28.27	5.62	10.24	4.02	0.395	0.250
W10 (10X5 3/4)	22	32.74	6.49	10.17	5.75	0.360	0.240
	26	38.69	7.61	10.33	5.77	0.440	0.260
	30	44.64	8.84	10.47	5.81	0.510	0.300
W10 (10X8)	33	49.10	9.71	9.73	7.96	0.435	0.290
	39	58.10	11.50	9.92	7.99	0.530	0.315
	45	67.02	13.30	10.10	8.02	0.620	0.350
W10 (10X10)	49	73.00	14.40	9.98	10.00	0.560	0.340
	54	80.50	15.80	10.09	10.03	0.615	0.370
	60	89.30	17.60	10.22	10.08	0.680	0.420
W12 (12X4)	14	20.83	4.16	11.91	3.97	0.225	0.200
	16	23.81	4.71	11.99	3.99	0.265	0.220
	19	28.27	5.57	12.16	4.01	0.350	0.235
	22	32.74	6.48	12.31	4.03	0.425	0.260
W12 (12X6 1/2)	26	38.73	7.65	12.22	6.49	0.380	0.230
	30	44.64	8.79	12.34	6.52	0.440	0.260
	35	52.08	10.30	12.50	6.56	0.520	0.300
W12 (12X8)	40	59.52	11.80	11.94	8.01	0.515	0.295
	45	66.96	13.20	12.06	8.05	0.575	0.335
	50	74.40	14.70	12.19	8.08	0.640	0.370
W12 (12X10)	53	79.00	15.60	12.06	10.00	0.575	0.345
	58	86.39	17.00	12.19	10.01	0.640	0.360
W12 (12X12)	65	96.85	19.10	12.12	12.00	0.605	0.390
	72	107.00	21.10	12.25	12.04	0.670	0.430
	79	118.00	23.20	12.38	12.08	0.740	0.470
	87	129.00	25.60	12.53	12.13	0.810	0.520
	96	143.00	28.20	12.71	12.16	0.900	0.550

Medida	Peso		Área	Peralte	Patín		Alma
	lb/ft	kg/m	A in 2	D in	B in	Tf in	Tw in
W14 (14X5)	22	32.76	6.49	13.74	5.00	0.340	0.230
	26	38.72	7.69	13.91	5.03	0.420	0.260
W14(14X6 3/4)	30	44.64	8.85	13.84	6.73	0.385	0.270
	34	50.59	10.00	13.98	6.75	0.455	0.285
	38	56.54	11.20	14.10	6.77	0.515	0.310
W14 (14X8)	43	63.98	12.60	13.66	8.00	0.530	0.305
	48	71.42	14.10	13.79	8.03	0.595	0.340
	53	78.68	15.60	13.92	8.06	0.660	0.370
W14 (14X10)	61	90.80	17.90	13.89	10.00	0.650	0.380
	68	101.00	20.00	14.04	10.04	0.720	0.420
	74	110.22	21.80	14.17	10.07	0.785	0.450
	82	122.00	24.10	14.31	10.13	0.860	0.510
W14 (14X14 1/2)	90	133.90	26.50	14.02	14.52	0.710	0.440
	99	148.00	29.10	14.16	14.57	0.780	0.485
	109	162.20	32.00	14.32	14.61	0.860	0.530
	120	178.60	35.30	14.48	14.67	0.940	0.590
	132	196.40	38.80	14.66	14.73	1.030	0.650
W16 (16X5 1/2)	26	38.70	7.68	15.69	5.50	0.350	0.250
	31	46.14	9.12	15.88	5.53	0.440	0.280
	36	53.57	10.60	15.86	6.99	0.430	0.295
	40	59.52	11.80	16.01	7.00	0.505	0.305



# Láminas para Techar

## R101 - RN100 - O100 (ZINTRO-ALUM, PINTRO)

**R101** - Poder cubriente 101 cm



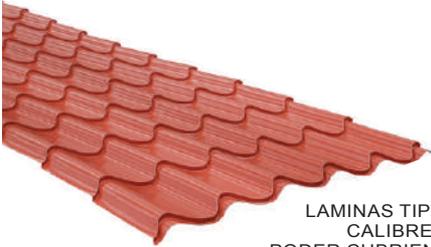
**RN100 / 35** - Poder cubriente 100.0 cm



**O100** - Poder cubriente 94 cm (en cubierta) / 102 cm (en muro)



### Teja de Acero



LAMINAS TIPO TEJA  
CALIBRE 26  
PODER CUBRIENTE 100 CM

### Losacero



Poder cubriente: Rábita 91.5 cm (36.0") Rábita 904.86 mm (35.625") Rábita 922.42 mm (36.75")



### Policarbonato Celular

6 mm



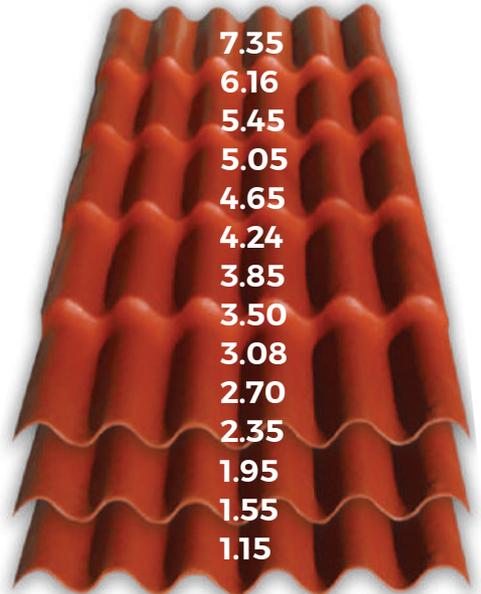
Ancho (m)

1.22, 1.83, 2.10

#### TRANSMISIÓN DE LUZ POR COLOR (%)

	Cristal	80%
	Bronce	42%
	Opalino	32%
	Azul	30%
	Gris Humo	42%

### Plastiteja



- 7.35
- 6.16
- 5.45
- 5.05
- 4.65
- 4.24
- 3.85
- 3.50
- 3.08
- 2.70
- 2.35
- 1.95
- 1.55
- 1.15

### Lámina Traslúcida

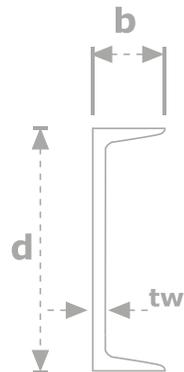


30% FIBRA DE VIDRIO  
70% RESINA

5 8  
3 1 AÑOS  
GARANTÍA DE DURACIÓN

## Norma ASTM A36, A572 GR50

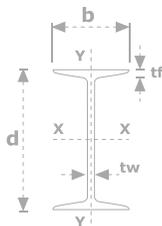
Peralte (d)		Patín (b)		Alma (tw)		Peso	
mm	Pulgadas	mm	Pulgadas	mm	Pulgadas	kg/m	lib/pie
76.2	3	34.8	1.37	3.35	0.13	5.21	3.50
		35.8	1.40	4.32	0.17	6.10	4.10
101.6	4	40.2	1.58	3.17	0.12	6.70	4.50
		40.2	1.58	4.67	0.18	8.04	5.40
152.4	6	48.7	1.91	5.1	0.2	12.20	8.20
		51.6	2.03	8	0.31	15.62	10.50
		54.9	2.16	11	0.43	19.34	13.00
203.2	8	57.4	2.25	5.6	0.22	17.11	11.50
		59.5	2.34	8	0.31	20.46	13.75
		64	2.51	12.4	0.48	27.93	18.75
254.0	10	66	2.59	6.1	0.24	22.80	15.30
		69.5	2.73	9.62	0.37	29.80	20.00
		73.3	2.88	13.36	0.52	37.20	25.00
		77	3.03	17.09	0.67	44.70	30.00
304.8	12	74.72	2.94	7.16	0.28	30.80	20.70
		77.39	3.04	9.83	0.38	37.20	25.00
		80.51	3.16	12.95	0.50	44.64	30.00
381	15	86.0	3.38	10.2	0.40	50.30	33.90
		89.0	3.50	13.2	0.51	59.10	40.00
		94.0	3.70	18.2	0.71	74.41	50.00



# IPS

## Norma ASTM A36

Medida	Peralte (d)		Patín (b)		Espesor (tf)		Alma (tw)		Peso Teórico	
	in	mm	in	mm	in	mm	in	mm	kg/m	lb/ft
3	3.000	76.200	2.330	59.000	0.170	4.000	0.169	4.3	8.480	5.700
4	4.000	101.600	2.663	67.6402	0.293	7.4422	0.193	4.9022	11.459	7.700
5	5.000	127.000	3.004	76.3016	0.326	8.2804	0.214	5.4356	14.882	10.000
6	6.000	152.400	3.332	84.6328	0.359	9.1186	0.232	5.8928	18.602	12.500



# LÁMINA LISA

## TABLA DE PESOS TEÓRICOS

Calibre N°	Espesor mm	Espesor pulg.	Peso Kg/m <sup>2</sup>	0.914 x 1.829 3' x 6'	0.914 x 2.438 3' x 8'	0.914 x 3.048 3' x 10'	1.219 x 2.438 4' x 8'	1.219 x 3.048 4' x 10'
6	4.94	0.1943	39.681	66.337	88.45	110.567	118.122	147.653
8	4.18	0.1644	33.576	56.131	74.842	93.552	99.949	124.936
9	3.8	0.1495	30.523	51.028	68.038	85.047	90.861	113.576
10	3.42	0.1345	27.471	45.925	61.234	76.542	81.776	102.22
11	3.04	0.1196	24.42	40.824	54.432	68.04	72.693	90.867
12	2.66	0.1046	21.367	35.721	47.628	59.535	63.605	79.507
13	2.28	0.0897	18.315	30.618	40.824	51.03	54.52	68.15
14	1.9	0.0747	15.262	25.515	34.02	42.525	45.432	56.79
15	1.71	0.0673	13.736	22.963	30.617	38.271	40.889	51.112
16	1.52	0.0598	12.21	20.412	27.216	34.02	36.347	45.433
18	1.21	0.0478	9.768	16.33	21.773	27.216	29.007	36.347
19	1.06	0.0418	8.547	14.288	19.051	23.814	25.443	31.803
20	0.91	0.0359	7.326	12.247	16.33	20.412	21.808	27.26
22	0.76	0.0299	6.105	10.206	13.608	17.01	18.173	22.717
24	0.61	0.0239	4.448	8.165	10.886	13.608	14.539	18.173
26	0.41	0.0179	3.663	6.124	8.165	10.206	10.904	13.63
28	0.38	0.0149	3.052	5.103	6.804	8.505	9.085	11.356
30	0.3	0.012	2.442	4.082	5.443	6.804	7.269	9.087

## LÁMINA ANTIDERRAPANTE

### TABLA DE PESOS TEÓRICOS: FUNDIDA, TROQUELADA

Calibre	Espesor		Peso		
	Pulg.	mm.	kg/m <sup>2</sup>	3 x 10	4 x 10
14	0.0747	1.90	15.07	42	62.00
12	0.1046	2.66	21.53	60	80
1/8	0.125	3.17	32.53	90.66	104
10	0.1345	3.42	32.352	90.18	120.349
3/16	0.1875	4.76	39.47	110	152
1/4	0.25	6.40	52.38	146	200

# TABLA DE PESOS TEÓRICOS

Pesos teóricos en tramos de 6 metros

ÁNGULO DE .109 X 1"	6.2
ÁNGULO DE .109 X 1 1/2"	10.16
ÁNGULO DE .109 X 1 1/4"	8
ÁNGULO DE 1/2" X 3"	85.45
ÁNGULO DE 1/2" X 4"	116.205
ÁNGULO DE 1/2" X 6"	179.3955
ÁNGULO DE 1/4" X 1"	13.4
ÁNGULO DE 1/4" X 1 1/2"	21
ÁNGULO DE 1/4" X 1 1/4"	17.2
ÁNGULO DE 1/4" X 2"	29
ÁNGULO DE 1/4" X 2 1/2"	97
ÁNGULO DE 1/4" X 3"	44
ÁNGULO DE 1/4 X 4"	60.6
ÁNGULO DE 1/8" X 1"	7.4
ÁNGULO DE 1/8" X 1 1/2"	11.35
ÁNGULO DE 1/8 X 1 1/4"	9.6
ÁNGULO DE 1/8" X 2"	15.6
ÁNGULO DE 1/8" X 3/4"	5.6
ÁNGULO DE 3/16" X 1"	10.4
ÁNGULO DE 3/16" X 1 1/2"	16.4
ÁNGULO DE 3/16" X 1 1/4"	13.5
ÁNGULO DE 3/16" X 13/4"	19
ÁNGULO DE 3/16" X 2"	22.2
ÁNGULO DE 3/16" X 2 1/2"	28
ÁNGULO DE 3/16" X 3"	34.4
ÁNGULO DE 3/4" X 6"	262.6665
ÁNGULO DE 3/8" X 2"	42.75
ÁNGULO DE 3/8" X 2 1/2"	53.75
ÁNGULO DE 3/8" X 3"	65.45
ÁNGULO DE 3/8" X 4"	88.99
ÁNGULO DE 3/8" X 5"	111.77
ÁNGULO DE 3/8" X 6"	135.4
CUADRADO SÓLIDO DE 1"	30.88
CUADRADO SÓLIDO DE 1/2"	7.72
CUADRADO SÓLIDO DE 12 MM	7.17
CUADRADO SÓLIDO DE 3/4"	17.4
CUADRADO SÓLIDO DE 3/8"	4.35
CUADRADO SÓLIDO DE 5/8"	12.5
REDONDO NEGRO DE 1"	25
REDONDO NEGRO DE 1/2"	6.2
REDONDO NEGRO DE 12 MM	5.6
REDONDO NEGRO DE 3/4"	14
REDONDO NEGRO DE 3/8"	3.6
REDONDO NEGRO DE 5/8"	9.4



# TABLA DE PESOS TEÓRICOS

Pesos teóricos en tramos de 6 metros

SOLERA DE MOLINO 1/2" X 1 1/2"	30.9
SOLERA DE MOLINO 1/2" X 2"	30.9
SOLERA DE MOLINO 1/2" X 2 1/2"	38.62
SOLERA DE MOLINO 1/2" X 3"	46.3
SOLERA DE MOLINO 1/2" X 4"	61.78
SOLERA DE MOLINO 1/4" X 1 1/2"	12
SOLERA DE MOLINO 1/4" X 2 1/2"	20
SOLERA DE MOLINO 1/4" X 4"	30
SOLERA DE MOLINO 1/4" X 6"	47
SOLERA DE MOLINO 3/4" X 4"	93
SOLERA DE MOLINO 3/4" X 6"	139
SOLERA DE MOLINO 3/8" X 1 1/2"	17.5
SOLERA DE MOLINO 3/8" X 2"	23.2
SOLERA DE MOLINO 3/8" X 2 1/2"	29.3
SOLERA DE MOLINO 3/8" X 3"	34.7
SOLERA DE MOLINO 3/8" X 4"	46.5
SOLERA DE MOLINO 5/16" X 2 1/2"	24.15
SOLERA DE PLACA 1/4" X 1"	8
SOLERA DE PLACA 1/4" X 1 1/2"	11.685
SOLERA DE PLACA 1/4" X 1 1/4"	9.7785
SOLERA DE PLACA 1/4" X 1/2"	3.968
SOLERA DE PLACA 1/4" X 2"	15.6
SOLERA DE PLACA 1/4" X 2 1/2"	19.6
SOLERA DE PLACA 1/4" X 3"	23.43
SOLERA DE PLACA 1/4" X 3/4"	5.904
SOLERA DE PLACA 1/4" X 4"	31.24
SOLERA DE PLACA 1/8" X 1"	4.2
SOLERA DE PLACA 1/8" X 1 1/2"	6.4
SOLERA DE PLACA 1/8" X 1 1/4"	5.6
SOLERA DE PLACA 1/8" X 1/2	2.1
SOLERA DE PLACA 1/8" X 2"	8
SOLERA DE PLACA 1/8" X 2 1/2	9.8
SOLERA DE PLACA 1/8" X 3"	12.6
SOLERA DE PLACA 1/8" X 3/4"	3.2
SOLERA DE PLACA 1/8" X 4"	16.8
SOLERA DE PLACA 3/16" X 1"	6.4
SOLERA DE PLACA 3/16" X 1 1/2"	9.9
SOLERA DE PLACA 3/16" X 1 1/4"	7.4
SOLERA DE PLACA 3/16" X 1/2"	3.2
SOLERA DE PLACA 3/16" X 2"	12
SOLERA DE PLACA 3/16" X 2 1/2"	15
SOLERA DE PLACA 3/16" X 3"	19.2
SOLERA DE PLACA 3/16" X 3/4	4.6
SOLERA DE PLACA 3/16" X 4"	25.6



# TABLA DE CONVERSIONES

ESPESOR			FRACCIONES		
Calibre (nominal)	Espesor (pulgada)	Espesor (milímetros)	Fracciones (de pulgada)	Milésimas (de pulg.)	Milímetros
7/3	0.8750	22.23	1/64	0.0156	0.40
3/4	0.7500	19.05	1/35	0.0313	0.79
5/8	0.6250	15.88	1/16	0.0625	1.59
1/2	0.5000	12.70	1/8	0.1250	3.18
3/8	0.3750	9.53	5/32	0.1563	3.97
1/4	0.2500	6.35	3/16	0.1875	4.76
3	0.2391	6.07	1/4	0.2500	6.35
4	0.2242	5.69	5/16	0.3125	7.94
5	0.2092	5.31	3/8	0.3750	9.53
6	0.1943	4.94	7/16	0.4375	11.11
3/16	0.1875	4.76	1/2	0.5000	12.70
7	0.1793	4.55	9/16	0.5625	14.29
8	0.1644	4.18	5/8	0.6250	15.88
9	0.1495	3.80	11/16	0.6875	17.46
10	0.1345	3.42	3/4	0.7500	19.05
1/8	0.1250	3.18	13/16	0.8125	20.64
11	0.1196	3.04	7/8	0.8750	22.23
12	0.1046	2.66	15/16	0.9375	23.81
13	0.0897	2.28	1	1.0000	25.40
14	0.0747	1.90	1 1/8	1.1250	28.58
1/16	0.0625	1.59	1 1/4	1.2500	31.75
16	0.0598	1.52	1 3/8	1.3750	34.93
18	0.0478	1.21	1 1/2	1.5000	38.10
20	0.0359	0.91	1 5/8	1.6250	41.28
1/32	0.0312	0.79	1 3/4	1.7500	44.45
22	0.0299	0.76	2	2.0000	50.80
24	0.0239	0.61	2 1/4	2.2500	57.15
26	0.0179	0.45	2 1/2	2.5000	63.50
1/64	0.0156	0.40	1 3/4	2.7500	69.85
28	0.0149	0.38	3	3.0000	76.20
30	0.0120	0.30	3 1/2	3.5000	88.90
32	0.0090	0.23	4	4.0000	101.60

# ACEROS SINERGIA



## **ACEROS SINERGIA MATRIZ:**

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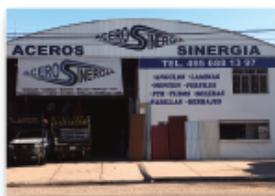
## **SUCURSAL RUIZ CORTINEZ:**

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