

— CATALOGO —

FERRETERÍA

GÓMEZ

ACEROS - PERFILES - HERRAJES

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TODO PARA EL HERRERO, PAILERO Y ESTRUCTURISTA

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Tlalneapantla Edo. De Méx.
C.P. 54150

Ángulo

"	mm	kg/m	kg/pza
1/8" X 3/4	19.1	0.88	5.28
1	25.4	1.19	7.14
1 1/4	31.7	1.50	9.00
1 1/2	38.1	1.83	10.98
2	50.8	2.46	14.76

"	mm	kg/m	kg/pza
3/16" X 1	25.4	1.73	10.38
1 1/4	31.7	2.20	13.20
1 1/2	38.1	2.68	16.08
2	50.8	3.63	21.78
2 1/2	63.5	4.60	27.60
3	76.2	5.80	34.80

"	mm	kg/m	kg/pza
1/4" X 1	25.4	2.22	13.32
1 1/4	31.7	2.86	17.16
1 1/2	38.1	3.49	20.94
2	50.8	4.75	28.50
2 1/2	63.5	6.10	36.60
3	76.2	7.29	43.74
4	101.6	9.90	59.40

"	mm	kg/m	kg/pza
5/16" X 2	50.8	5.84	35.04
2 1/2	63.5	7.44	44.64
3	76.2	9.08	54.48
4	101.6	12.20	73.2

"	mm	kg/m	kg/pza
3/8" X 2	50.8	6.99	41.94
2 1/2	63.5	8.79	52.74
3	76.2	10.72	64.32
4	101.6	14.60	87.6
6	152.4	22.17	133.02

"	mm	kg/m	kg/pza
1/2" X 2 1/2	63.5	12.03	72.18
3	76.2	13.99	83.94
4	101.6	19.05	116.35
6	152.4	24.11	178.20

Alambrón

pulgadas	pulgadas	milímetros	kg/m
0.218	7/32	5.55	0.189
0.250	1/4	6.35	0.249
0.312	4/16	7.94	0.388
0.375	3/8	9.52	0.559
0.500	1/2	12.70	0.994
0.625	5/8	15.9	1.552
0.750	3/4	19.1	2.235

Canal Mon-Ten

Peralte	largo m.	calibre	Kg/Pz
4"	6	14	20.00
4"	6	12	28.50
4"	6	10	35.40
5"	6	14	23.10
6"	6	14	24.90
6"	6	12	37.90
6"	6	10	43.30
8"	8	14	44.00
8"	8	12	62.00
8"	8	10	80.00
10"	10	14	63.50
10"	10	12	88.10
10"	10	10	112.40
12"	12	14	96.00
12"	12	12	133.60
12"	12	10	172.80

Lámina Negra en Hoja Rolada

en caliente y en frío

Peso aprox. por hoja en kilogramos

Calibre	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
espesor en mm	3.42	3.17	2.66	2.28	1.91	1.71	1.52	1.37	1.21	1.06	0.91	0.84	0.76	0.68	0.61	0.53	0.45
espesor en pulgadas	.1345	.125	.1046	.0897	.0747	.0673	.0598	.0538	.0478	.0418	.0359	.0329	.0299	.0269	.0239	.0209	.0179
3' x 8'	61.234	56.911	54.432	47.628	40.824	34.020	30.617	27.216	24.494	21.773	19.051	16.330	14.969	13.608	12.247	10.886	9.526
0.914 x 2.44	76.542	71.140	68.040	59.535	51.030	42.525	38.271	34.020	30.618	27.216	23.814	20.412	18.711	17.010	15.309	13.608	11.907
0.914 x 3.05	81.646	75.866	72.574	63.503	54.431	45.359	40.823	36.287	32.659	29.030	25.401	21.772	19.958	18.144	16.326	14.515	12.701
4' x 8'	102.058	94.832	90.718	79.373	68.039	56.699	51.029	45.359	40.823	36.287	31.751	27.215	24.947	22.680	20.412	18.144	15.876
1.22 x 2.44	27.46	25.53	24.41	21.36	18.30	15.25	13.73	12.20	10.98	9.76	8.54	7.32	6.71	6.10	5.49	4.88	4.27
1.22 x 3.05																	
4' x 10'																	
Peso aprox. kg/m2																	

Lámina Galvanizada Lisa en Hoja

Peso aprox. por hoja

Calibre	10	12	14	16	18	20	22	24	26	28	30
espesor en mm	3.454	2.695	1.936	1.557	1.252	.950	.798	.569	.493	.417	.343
espesor en pulgadas	.1360	.1061	.0762	.0613	.0493	.0374	.0314	.0224	.0194	.0164	.0135
kgs/m 3'	24.77	19.32	13.87	11.15	8.97	6.80	7.70	4.06	3.52	2.97	2.44
kgs/m 4'	33.80	25.76	18.50	14.87	11.96	9.06	7.60	5.42	4.69	3.96	
3' x 8'	61.23	47.63	34.10	27.21	21.89	16.59	13.91	11.10	8.59	7.25	5.95
3' x 10'	76.55	59.53	42.61	34.01	27.36	20.74	17.39	13.88	10.74	9.06	7.44
4' x 8'	83.00	63.50	45.60	36.28	29.18	22.77	18.54	14.81	11.44	9.66	7.49
4' x 10'	103.00	79.37	56.93	45.35	36.48	27.63	23.18	18.51	14.30	12.08	9.66

Malla Electrosoldada

Diseño	66-44	66-66	66-88	66-1010
ancho (m)	2.50	2.50	2.50	2.50
Largo	40	40	40	40
(kg/m2)	2.71	1.98	1.41	.98

Perfil tubular (PTR)

Dimensiones



pulgadas	A	B	milímetros	calibre	color	espesor en milímetros	Peso aprox. kg/pz. de 6m
1 x 1	A	B	25.4 x 25.4	14	Azul	1.89	8.65
				13	Blanco	2.30	10.32
				12	Verde	2.66	11.22
1 1/4 x 1 1/4	A	B	31.7 x 31.7	10	Rojo	3.42	13.62
				14	Azul	1.89	10.70
				14	Azul	1.89	13.10
1 1/2 x 1 1/2	A	B	38.1 x 38.1	12	Blanco	2.66	17.76
				11	Verde	3.04	19.98
				9	Rojo	3.80	24.12
2 x 1	C	D	50.8 x 25.4	14	Azul	1.89	13.00
				14	Azul	1.89	17.70
				12	Blanco	2.66	24.30
				11	Verde	3.04	27.30
				9	Rojo	3.80	33.36
2 1/2 x 1 1/4	A	B	63.5 x 31.7	14	Azul	1.89	15.85
2 1/2 x 1 1/2	C	D	63.5 x 38.1	14	Azul	1.89	18.00
				14	Azul	1.89	22.19
2 1/2 x 2 1/2	A	B	63.5 x 63.5	11	Blanco	3.04	34.92
				9	Verde	3.80	42.78
				7	Rojo	4.55	50.22
3 x 1 1/2	C	D	76.2 x 38.1	14	Azul	1.89	19.68
				14	Azul	1.89	27.59
3 x 3	A	B	76.2 x 76.2	11	Blanco	3.04	42.54
				9	Verde	3.80	52.32
				7	Rojo	4.55	61.68
3 1/2 x 3 1/2	A	B	88.9 x 88.9	14	Azul	1.89	31.65
				11	Blanco	3.04	50.04
				9	Verde	3.80	61.68
				7	Rojo	4.55	71.96
3 x 2	C	D	76.2 x 50.8	14	Azul	1.89	22.14
				11	Blanco	3.04	34.92
				9	Verde	3.80	42.78
				7	Rojo	4.55	50.22
4 x 1 1/2	C	D	101.6 x 38.1	14	Azul	1.89	25.00
				14	Azul	1.89	27.59
				11	Blanco	3.04	42.54
				9	Verde	3.80	52.32
				7	Rojo	4.55	61.68
4 x 3	C	D	101.6 x 76.2	14	Azul	1.89	31.65
				11	Blanco	3.04	50.04
				9	Verde	3.80	61.68
				7	Rojo	4.55	72.96
4 x 4	A	B	101.6 x 101.6	14	Azul	1.89	36.20
				11	Blanco	3.04	57.60
				9	Verde	3.80	72.18
				7	Rojo	4.55	85.80

Pesos teóricos calculados según especificaciones del fabricante de lámina

Placa de Acero

Pesos por placa en Kilogramos

Espeor	2"	1 1/2"	1 1/4"	1"	7/8"	3/4"	5/8"	1/2"	3/8"	5/16"	1/4"	3/16"
pulgadas												
milímetros	50.8	38.1	31.8	25.4	22.2	19.1	15.9	12.7	9.5	7.9	6.4	4.8
Peso aprox. / kg. x m2	398.78	299.08	249.63	199.39	174.27	149.94	124.82	99.70	74.58	62.01	50.24	37.68

medidas

pies	metros											
		8	10	20	8	10	20	8	10	20	8	10
3 x	2.44	889	1,112	2,223	667	834	1,667	445	556	1,112	389	486
	0.914 x											
	6.10											
4 x	2.44	1,187	1,484	2,968	890	1,113	2,226	594	742	1,484	519	648
	1.22 x											
	6.10											
5 x 20	1.52 x 6.10	3,697	4,452	8,904	2,773	3,339	6,678	1,849	2,226	4,452	1,616	1,945
	1.83 x 6.10											
	2.44 x 6.10											
6 x 20	1.52 x 6.10	4,452	5,342	10,684	3,339	4,001	8,002	2,226	2,671	5,342	1,945	2,390
	1.83 x 6.10											
	2.44 x 6.10											
8 x 20	1.52 x 6.10	5,935	7,122	14,244	4,452	5,342	10,684	2,968	3,561	7,122	2,594	3,111
	1.83 x 6.10											
	2.44 x 6.10											

tipos de acero

SAE 1010	ASTM A-36	A-283-C	A-285-C	H50	A-709-50	A-572-50	A-515-70	A-516-70
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Lamina y Placa Antiderrapante

Espesor			Peso aprox. por hoja			
calibre	pulgadas	milímetros	3'x8'		4'x8'	
			3'x10'	4'x10'	3'x10'	4'x10'
10	.134"	3.42	61.24	76.54	81.66	106.90
11	.119"	3.04	54.43	68.04	72.57	90.72
12	.104"	2.66	47.63	59.53	63.50	79.38
13	.089"	2.28	40.82	51.03	54.50	68.04
14	.074"	1.91	38.50	47.61	52.00	63.71
1/8"	.125"	3.17	60.15	78.56	81.58	101.80
3/16"	.187"	4.76	85.36	106.71	119.74	150.60
1/4"	.250"	6.35	118.00	146.00	159.00	200.00

Redondo

pulgadas	milímetros	Peso aprox. kg/m		kgs Pz. 6.10m
3/8	9.5	.559		3.41
1/2	12.7	.994		6.06
5/8	15.9	1.552		9.47
3/4	19.1	2.235		13.63
7/8	22.2	3.042		18.56
1	25.4	3.974		24.24
1 1/4	31.8	6.211		37.89
1 1/2	38.1	9.000		54.90
2	50.8	15.900		96.99

Redondo Pulido

pulgadas	milímetros	Peso aprox. kg/m		kgs Pz. 6.00m
3/16	4.8	.143		0.858
1/4	6.3	.249		1.494
5/16	7.9	.388		2.328
3/8	9.5	.559		3.354
1/2	12.7	.994		5.964

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Tablero Pintado

Figura 148

Ancho Pies - m	Largo Pies - m	calibre	20	peso aprox. kg./Pza.
3(0.75)	3 (0.91)	20	6.06	
3(0.75)	4 (1.22)	20	8.01	
3(0.75)	6 (1.83)	20	12.12	
3(0.75)	6 1/2 (2.00)	20	13.32	
3(0.75)	7(2.14)	20	14.25	
3(0.75)	8 (2.44)	20	16.18	
3(0.75)	10 (3.05)	20	20.21	
4(1.00)	3 (0.91)	20	8-08	
4(1.00)	4 (1.22)	20	10.78	
4(1.00)	6 (1.83)	20	16.17	
4(1.00)	6 1/2 (2.00)	20	17.86	
4(1.00)	7(2.14)	20	19.21	
4(1.00)	8 (2.44)	20	21.56	
4(1.00)	10 (3.05)	20	26.95	

Cuadrado

Dimensión

Peso aprox. Kgs. x

pulgadas	milímetros	metro
3/8	9.5	.712
1/2	12.7	1.266
5/8	15.9	1.978
3/4	19.1	2.849
1	25.4	5.065
1 1/4	31.8	7.913
1 1/2	38.1	11.395

Pz. 6.1.m.
6.1.m.

Te

Dimensión

Peso aprox.

pulgadas	milímetros	Kg/m	Kg pz.6m
1/8 x 1	3.2 x 25.4	1.32	7.92

Vigas I.P.S.

Peralte

Patín

Alma

pulgadas	milímetros	ancho	milímetros	peso x pza 6m
3	76.2	59.23	4.3	51.25
4	101.6	67.64	4.9	69.71
5	127.0	76.30	5.4	90.88
6	152.4	84.63	5.9	112.91
8	200.0	89.99	7.5	164.28

Tablero Pintado Zintro

Canal C.P.S.

Altura

Peso Aprox.

Patín

pulgadas	milímetros	lb/ft.	kg/pza 6mts	ancho mm	espesor mm	alma mm
3	76.2	4.1	37.41	35.8	7	4
4	101.6	5.4	49.63	40.2	8	5
6	152.4	8.2	74.60	48.7	9	5
6	152.4	10.5	96.20	51.5	9	8
6	152.4	13.0	118.60	55.0	9	11
8	203.8	11.5	103.50	57.4	10	6
8	203.8	13.8	124.71	60.0	10	8
8	203.8	18.8	170.90	64.0	10	12
10	254.0	15.3	137.40	66.1	11	6
10	254.0	20.0	178.80	69.8	11	10
10	254.0	25.0	223.20	73.3	11	13
10	254.0	30.0	268.20	77.1	11	17
12	304.8	20.7	193.20	74.3	11	7
12	304.8	25.0	223.20	77.4	11	10
12	304.8	30.0	268.20	80.6	11	13

Contamos con básculas colgantes electrónicas

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ozas. aprox. de 12m x ton.

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Preguntar por las especificaciones

Tubería Negra Cédula 30

diámetro nominal

diámetro

Tramos de 6M

pulgadas	milímetros	exterior mm	espesor en mm	peso aprox. kg/pza.
1/2"	12.7	21.3	1.90	5.46
3/4"	19.1	26.7	1.90	6.96
1"	25.4	33.4	1.90	8.88
1 1/4"	31.8	42.2	2.29	14.20
1 1/2"	38.1	48.3	2.29	16.20
2"	50.8	60.3	2.67	22.74
2 1/2"	63.5	73.0	2.67	28.80
3"	88.9	88.9	3.05	38.70
3 1/2"	76.2	100.10	3.05	44.40
4"	101.6	114.3	3.05	50.40

Tubería Galvanizada y Negra Cédula 40

diámetro nominal

diámetro

Tramos de 6.4M

pulgadas	milímetros	exterior mm	espesor en mm	peso aprox. kg/pza.
1/2"	12.7	21.3	3.22	8.13
3/4"	19.1	26.7	3.14	10.82
1"	25.4	33.4	3.52	16.00
1 1/4"	31.8	42.2	3.56	21.70
1 1/2"	38.1	48.3	3.68	26.62
2"	50.8	60.3	3.52	35.07
2 1/2"	63.5	73.0	4.00	55.42
3"	76.2	88.9	4.16	75.20
4"	101.6	114.3	4.48	103.74

Tubería Estructural

diámetro			espesor de pared			peso aprox.		
nominal	pulgadas	ext. mm	fracc. pulgada	milésimas de pulgada	milímetros	cedula	Lb/pie	kg/m
6"	6 5/8"	168.3	3/16"	0.188"	4.78	40	12.92	19.35
			7/32"	0.219"	5.60	40	14.98	22.47
			1/4"	0.250"	6.35	40	17.02	25.55
			9/32"	0.280"	7.10	40	18.97	28.22
			3/8"	0.375"	9.50	40	24.99	37.20
8"	8 5/8"	219.1	3/16"	0.188"	4.78	10	16.94	25.37
			7/32"	0.219"	5.60	20	19.66	29.48
			1/4"	0.250"	6.35	20	22.36	33.57
			5/16"	0.312"	7.90	30	27.70	41.14
				0.322"	8.20	40	28.55	42.65
10"	10 3/4"	273.1	3/8"	0.375"	9.50	40	33.04	49.10
			1/2"	0.500"	12.70	80	43.99	65.47
			3/16"	0.188"	4.78	10	21.21	31.76
			7/32"	0.219"	5.60	10	24.63	36.94
				0.225"	5.72	10	24.66	36.69
12"	12 3/4"	323.9	1/4"	0.250"	6.35	20	28.04	42.09
				0.307"	7.80	30	34.24	51.03
				0.365"	9.27	40	40.48	60.50
			3/8"	0.375"	9.50	40	41.10	61.16
			1/2"	0.500"	12.70	60	54.80	81.55
14"	14"	355.6	3/16"	0.188"	4.78	10	25.22	37.77
			7/32"	0.219"	5.60	10	29.31	43.96
				0.225"	5.72	10	30.30	45.09
			1/4"	0.250"	6.35	20	33.38	50.11
			3/8"	0.375"	9.50	CED. STD.	49.56	73.65
16"	16"	406.4	13/32"	0.406"	10.30	40	53.52	79.65
				0.210"	5.30	10	30.93	45.78
				0.225"	5.72	10	32.68	48.63
			1/4"	0.250"	6.35	10	36.71	55.11
			5/16"	0.312"	7.90	20	45.61	67.74
18"	18"	457.2	3/8"	0.375"	9.50	30	54.57	81.08
				0.438"	11.10	40	63.44	94.30
				0.465"	11.81	40	67.87	101.00
			1/2"	0.500"	12.70	EXT. FTE.	72.09	107.39
			7/32"	0.219"	5.60	10	36.91	55.35
20"	20"	508.0		0.225"	5.72	10	37.28	55.48
			1/4"	0.250"	6.35	10	42.05	63.13
				0.281"	7.14	20	47.17	69.91
			5/16"	0.312"	7.90	20	52.27	77.63
			3/8"	0.375"	9.50	30	62.58	92.98
22"	22"	561.0	1/2"	0.500"	12.70	40	82.77	123.30
			1/4"	0.250"	6.35	10	47.39	71.12
			5/16"	0.312"	7.90	20	58.94	87.49
			3/8"	0.375"	9.50	CED. STD.	70.59	104.84
			1/2"	0.500"	12.70	EXT. FTE.	93.45	139.15

Centro de servicio corte de lámina y placa

Tubería Estructural

diámetro			espesor de pared			peso aprox.		
nominal	pulgadas	ext. mm	fracc. pulgada	milésimas de pulgada	milímetros	cedula	Lb/pie	kg/m
20"	20"	508.0	1/4"	0.250"	6.35	10	52.73	79.16
			5/16"	0.312"	7.90	20	65.60	97.43
			3/8"	0.375"	9.50	20	78.60	116.78
			1/2"	0.500"	12.70	30	104.13	155.12
24"	24"	609.6	1/4"	0.250"	6.35	10	63.41	95.26
			3/8"	0.375"	9.50	20	94.62	140.68
			1/2"	0.500"	12.70	EXT. FTE.	125.49	187.06
30"	30"	762.0	1/4"	0.250"	6.35	5	79.43	119.25
			3/8"	0.375"	9.50	CED. STD.	118.65	176.29
			1/2"	0.500"	12.70	EXT. FTE.	157.53	234.67
32"	32"	812.8	1/4"	0.250"	6.35	5	84.77	127.30
			3/8"	0.375"	9.50	CED. STD.	126.66	188.24
			1/2"	0.500"	12.70	EXT. FTE.	168.21	250.64
36"	36"	914.4	5/16"	0.312"	7.90	10	118.92	176.52
			3/8"	0.375"	9.50	CED. STD.	142.68	211.90
			1/2"	0.500"	12.70	EXT. FTE.	189.57	282.27

HSS (Hollow Structural Selection)

Cuadrado

Peso aprox. por pieza de 12.20mts.

pulgadas	1/8"	3/16"	1/4"	5/16"	3/8"	1/2"	5/8"	3/4"	7/8"
4 x 4	117.24	171.04	221.67	269.25	313.54	392.72			
4 1/2 x 4 1/2	132.49	194.22	252.54	307.93	359.90	454.45			
5 x 5	147.99	217.28	283.65	346.36	406.14	516.18			
5 1/2 x 5 1/2		240.58	314.39	385.03	452.62				
6 x 6		263.76	345.26	423.71	498.86	639.77	769.82		
7 x 7		310.12	406.99	500.93	591.46	763.48			
7 1/2 x 7 1/2		333.18	437.86	539.61	637.82	825.21			
8 x 8		356.36	468.72	578.04	684.30	886.94	1078.48		
9 x 9		402.72	530.70	655.38	776.90	1010.53			
10 x 10		448.96	592.43	732.61	869.62	1133.99	1388.36	1666.03	
12 x 12		541.80	715.90	887.06	1054.81	1381.04	1697.02	2036.42	
14 x 14				1041.39	1240.25	1628.21	2035.26	2366.80	2708.40
16 x 16				1195.60	1425.57	1875.51	2306.00	2732.80	3147.60
18 x 18						2123.00	2623.00	3099.00	3574.60
20 x 20						2367.00	2928.00	3477.00	4013.80
22 x 22								3843.00	4440.80

HSS (Hollow Structural Selection)

11

Rectangular

Peso aprox. por pieza de 12 . 2mts.

pulgadas	1/8"	3/16"	1/4"	5/16"	3/8"	1/2"	5/8"	3/4"
5" x 3"	117.24	171.04	221.67	269.25	313.54	392.72		
6" x 2"	117.24	171.04	221.67	269.25	313.54	392.72		
5" x 4"	132.49	194.22	252.54	307.93	359.90	454.45		
6" x 3"	132.49	194.22	252.54	307.93	359.90	454.45		
7" x 2"	132.49	194.22	252.54	307.93	359.90	454.45		
6" x 4"	147.99	217.28	283.65	346.36	406.14	516.18		
7" x 3"	147.99	217.28	283.65	346.36	406.14	516.18		
8" x 2"	147.99	217.28	283.65	346.36	406.14	516.18		
6" x 5"		240.58	314.39	385.03	452.62	578.28		
7" x 4"		240.58	314.39	385.03	452.62	578.28		
8" x 3"		240.58	314.39	385.03	452.62	578.28		
7" x 5"		263.76	345.26	423.71	498.86	639.77		
8" x 4"		263.76	345.26	423.71	498.86	639.77		
9" x 3"		263.76	345.26	423.71	498.86	639.77		
10" x 2"		263.76	345.26	423.71	498.86	639.77		
8" x 6"		310.12	406.99	500.93	591.46	763.48		
9" x 5"		310.12	406.99	500.93	591.46	763.48		
10" x 4"		310.12	406.99	500.93	591.46	763.48		
12" x 2"		310.12	406.99	500.93	591.46	763.48		
8" x 7"		333.18	437.86	539.61	637.82	825.21		
9" x 6"		333.18	437.86	539.61	637.82	825.21		
10" x 5"		333.18	437.86	539.61	637.82	825.21		
12" x 3"		333.18	437.86	539.61	637.82	825.21		
9" x 7"		356.36	468.72	578.04	684.30	886.94		
10" x 6"		356.36	468.72	578.04	684.30	886.94	1078.48	
12" x 4"		356.36	468.72	578.04	684.30	886.94		
10" x 8"		402.72	530.70	655.38	776.90	1010.53	1233.42	
12" x 6"		402.72	530.70	655.38	776.90	1010.53	1233.42	
14" x 4"		402.72	530.70	655.38	776.90	1010.53		
12" x 8"		448.96	592.43	732.61	869.62	1133.99	1388.36	
14" x 6"		448.96	592.43	732.61	869.62	1133.99	1388.36	
16" x 4"		448.96	592.43	732.61	869.62	1133.99	1388.36	
12" x 10"			658.80	806.42	960.14	1257.82	1572.28	
18" x 4"			658.80	806.42	960.14	1257.82		
14" x 10"		541.80	715.90	887.06	1054.81	1381.04	1697.02	
16" x 8"		541.80	715.90	887.06	1054.81	1381.04	1697.02	
18" x 6"		541.80	715.90	887.06	1054.81	1381.04	1697.02	
20" x 4"		541.80	715.90	887.06	1054.81	1381.04	1697.02	
16" x 12"				1041.39	1240.25	1628.21	2035.26	2366.80
20" x 8"				1041.39	1240.25	1628.21		
20" x 12"				1195.60	1425.57	1875.14	2306.00	
24" x 12"						2123.00	2623.00	3099.00

Solera

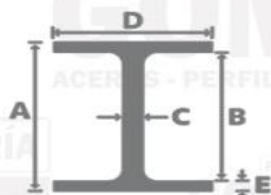
pulgadas	milímetros	kg/pza	pulgadas	milímetros	kg/pza			
1/8 x	12.7	1.92	3/8 x	50.8	22.80			
	15.9	2.34		63.5	28.50			
	19.1	2.88		76.2	34.14			
	25.4	3.78		101.6	45.54			
	31.7	4.74		152.4	69.50			
	38.1	5.70		203.2	93.94			
2	50.8	7.62	9.5 x	peso aprox pza de 6.0mts	15.18			
3/16 x	4.8 x	peso aprox pza de 6.0mts				1/2 x	12.7 x	
12.7	2.82	1	25.4	15.18				
15.9	3.54	1 1/4	31.7	18.96				
19.1	4.26	1 1/2	38.1	22.80				
25.4	5.70	2	50.8	30.36				
31.7	7.08	2 1/2	63.5	37.98				
38.1	8.52	3	76.2	45.54				
50.8	11.40	4	101.6	60.78				
63.5	14.22	6	152.4	92.06				
76.2	17.10	8	203.2	125.59				
1/4 x	6.3 x	peso aprox pza de 6.0mts	5/8 x	15.9 x	peso aprox pza de 6.0mts			
12.7	3.78	1 1/2	38.1	28.44				
19.1	5.70	2	50.8	37.98				
25.4	7.62	2 1/2	63.5	47.46				
31.7	9.12	3	76.2	56.94				
38.1	11.40	4	101.6	75.90				
50.8	15.18	6	152.4	113.94				
63.5	18.96	8	203.2	154.51				
76.2	22.74	3/4 x	19.1 x	34.20				
101.6	30.36				1 1/2	38.1		
152.4	45.54				2	50.8		
5/16 x	7.9 x				peso aprox pza de 6.0mts			
1 1/2	38.1	14.22	2 1/2	63.5	56.94			
2	50.8	18.96	3	76.2	68.34			
2 1/2	63.5	23.70	4	101.6	91.14			
3	76.2	28.50	6	152.4	136.74			
4	101.6	37.98	8	203.2	182.58			
6	152.4	56.94	10	254.0	227.88			
3/8 x	9.5 x	peso aprox pza de 6.0mts	1 x	25.4 x	peso aprox pza de 6.0mts			
1	25.4	11.34	2	50.8	60.72			
1 1/4	31.7	14.22	2 1/2	63.5	75.96			
1 1/2	38.1	17.10	3	76.2	91.14			
1 x	25.4 x	peso aprox pza de 6.0mts	2 1/2	63.5	121.50			
4	101.6	182.28	6	152.4	243.06			
6	152.4	243.06	8	203.2	303.84			
8	203.2		10	254.0				
10	254.0							

Vigas IPR

dimensiones en mm.

pulgadas	Lb/ft	Kg/mt	A	B	C	D	E
dimensiones							
4 X 4	13	19.3	106	88	7.1	103	8.8
5 X 5	16	23.8	127	109	6.1	127	9.1
5 X 5	19	28.3	131	109	6.9	128	10.9
6 X 4	8.5	12.6	152	140	4.5	100	4.6
6 X 4	9	13.5	150	139	4.3	100	5.5
6 X 4	12	17.9	153	138	5.8	102	7.1
6 X 4	16	23.8	160	139	6.6	102	10.3
6 X 6	15	22.3	152	139	5.8	152	6.6
6 X 6	20	29.8	157	138	6.6	153	9.3
6 X 6	25	37.2	162	139	8.1	154	11.6
8 X 4	10	14.9	200	190	4.3	100	5.2
8 X 4	13	19.3	203	190	5.8	102	6.5
8 X 4	15	22.3	206	190	6.2	102	8.0
8 X 5 1/4"	18	26.8	207	190	5.8	133	8.4
8 X 5 1/4"	21	31.3	210	190	6.4	134	10.2
8 X 6 1/2"	24	35.7	201	181	6.2	201	10.2
8 X 6 1/2"	28	41.7	205	181	7.2	205	11.8
8 X 8	31	46.1	203	181	7.2	203	11.0
8 X 8	35	52.1	206	181	7.9	204	12.6
8 X 8	40	59.5	210	182	9.1	205	14.2
8 X 8	48	71.4	216	181	10.2	206	17.4
8 X 8	58	86.3	222	181	13.0	209	20.6
8 X 8	67	99.7	229	182	14.5	210	23.7
10 X 4	12	17.9	251	240	4.8	101	5.3
10 X 4	15	22.3	254	240	5.8	102	6.9
10 X 4	17	25.3	257	240	6.1	102	8.4
10 X 4	19	28.3	260	240	6.4	102	10.0
10 X 5 3/4"	22	32.7	258	240	6.1	146	9.1
10 X 5 3/4"	26	38.7	262	240	6.6	147	11.2
10 X 5 3/4"	30	44.6	266	240	7.6	147	13.0
10 X 8	33	49.1	247	225	7.4	202	11.0
10 X 8	39	58.0	252	225	8.0	203	13.5
10 X 8	45	67.0	257	226	8.9	204	15.7
10 X 10	49	72.9	253	225	8.6	254	14.2
10 X 10	54	80.4	256	225	9.4	255	15.6

- A** Peralte Exterior
B Peralte Interior
C Espesor Peralte
D Ancho Patín
E Espesor Patín



Vigas IPR

dimensiones en mm.

pulgadas	Lb/ft	Kg/mt	A	B	C	D	E
dimensiones	peso aprox.	peso aprox.	perlate exterior	perlate inferior	espesor peralte	ancho patín	espesor patín
10 X 10	60	89.3	260	225	10.7	256	17.3
10 X 10	68	101	264	225	11.9	257	19.6
10 X 10	77	115	269	225	13.5	259	22.1
10 X 10	88	131	275	225	15.4	261	25.1
10 X 10	100	149	282	225	17.3	263	28.4
10 X 10	112	167	289	225	19.2	265	31.8
12 X 4	14	20.8	303	292	5.1	101	5.7
12 X 4	16	23.8	305	292	5.6	101	6.7
12 X 4	19	28.3	309	291	6.0	102	8.9
12 X 4	22	32.7	313	291	6.6	102	10.8
12 X 6 1/2"	26	38.7	310	291	5.8	165	9.7
12 X 6 1/2"	30	44.6	313	291	6.6	166	11.2
12 X 6 1/2"	35	52.1	317	291	7.6	167	13.2
12 X 8	40	59.5	303	277	7.5	203	13.1
12 X 8	45	67.0	306	277	8.5	204	14.6
12 X 8	50	74.4	310	277	9.4	205	16.3
12 X 10	53	78.9	306	277	8.8	254	14.6
12 X 10	58	86.3	310	277	9.1	254	16.3
12 X 12	65	96.7	308	277	9.9	305	15.4
12 X 12	72	107	311	277	10.9	306	17.0
12 X 12	79	118	314	277	11.9	307	18.7
12 X 12	87	129	318	277	13.1	308	20.6
12 X 12	96	143	323	277	14.0	309	22.9
12 X 12	106	158	327	277	15.5	310	25.1
12 X 12	120	179	333	277	18.0	313	28.1
12 X 12	136	202	341	277	20.1	315	31.8
12 X 12	152	226	348	277	22.1	317	35.6
12 X 12	170	253	356	277	24.4	319	39.6
12 X 12	190	283	365	277	26.9	322	44.1
12 X 12	210	313	374	277	30.0	325	48.3
12 X 12	230	342	382	277	32.6	328	52.6
12 X 12	252	375	392	277	36.0	332	58.0
12 X 12	279	415	400	277	38.0	335	64.0
12 X 12	305	454					
12 X 12	336	500	405	277	42.0	339	74.0

Vigas IPR

dimensiones en mm.

pulgadas	Lb/ft	Kg/mt	A	B	C	D	E
dimensiones	peso aprox.	peso aprox.	peralte exterior	peralte inferior	espesor peralte	ancho patín	Espesor patín
14 X 5	22	32.7	349	332	5.8	127	8.5
14 X 5	26	38.7	353	332	6.5	128	10.7
14 X 6 3/4"	30	44.6	352	332	6.9	171	9.8
14 X 6 3/4"	34	50.6	355	332	7.2	171	11.6
14 X 6 3/4"	38	56.6	358	332	7.9	172	13.1
14 X 8	43	64	347	320	7.7	203	13.5
14 X 8	48	71.4	350	320	8.6	204	15.1
14 X 8	53	78.9	354	320	9.4	205	16.8
14 X 10	61	90.8	353	320	9.5	254	16.4
14 X 10	68	101	357	320	10.5	255	18.3
14 X 10	74	110	360	320	11.4	256	19.9
14 X 10	82	122	363	320	13.0	257	21.7
14 X 14 1/2"	90	134	356	320	11.2	369	18.0
14 X 14 1/2"	99	147	360	320	12.3	370	19.8
14 X 14 1/2"	109	162	364	320	13.3	371	21.8
14 X 14 1/2"	120	179	368	320	15.0	373	23.9
14 X 14 1/2"	132	196	372	320	16.4	374	26.2
14 X 16	145	216	375	320	17.3	394	27.7
14 X 16	159	237	380	320	18.9	395	30.2
14 X 16	176	262	387	320	21.1	398	33.3
14 X 16	193	287	393	320	22.6	399	36.6
14 X 16	211	314	399	320	24.9	401	39.6
14 X 16	233	347	407	320	27.2	404	43.7
14 X 16	257	382	416	320	29.8	406	48.0
14 X 16	283	421	425	320	32.8	409	52.6
14 X 16	311	463	435	320	35.8	412	57.4
14 X 16	342	509	446	321	39.1	416	62.7
14 X 16	370	551	455	320	42.0	418	67.6
14 X 16	398	592	465	320	45.0	421	72.3
14 X 16	426	634	474	320	47.6	424	77.1
14 X 16	455	677	483	320	51.2	428	81.5
14 X 16	500	744	498	320	55.6	432	88.9
14 X 16	550	818	514	320	60.5	437	97.0
14 X 16	605	900	531	319	65.9	442	106.0
14 X 16	665	990	550	320	71.9	448	115.0

Vigas IPR

dimensiones en mm.

pulgadas	Lb/ft	Kg/mt	A	B	C	D	E
dimensiones	peso aprox.	peso aprox.	perlate exterior	perlate inferior	espesor peralte	ancho patín	espesor patín
14 X 16	730	1086.0	569	319	78.0	454	125.0
16 X 5 1/2"	26	39.0	399	381	06.4	140	08.8
16 X 5 1/2"	31	46.0	403	381	07.0	140	11.2
16 X 7	36	53.6	403	381	07.5	177	10.9
16 X 7	40	59.6	407	381	07.7	178	12.8
16 X 7	45	67.0	410	381	08.8	179	14.4
16 X 7	50	74.4	413	381	09.7	180	16.0
16 X 7	57	84.8	417	381	10.9	181	18.2
16 X 10 1/4"	67	100.0	415	381	10.0	260	16.9
16 X 10 1/4"	77	115.0	420	381	11.6	261	19.3
16 X 10 1/4"	89	132.0	425	381	13.3	263	22.2
16 X 10 1/4"	100	149.0	431	381	14.9	265	25.0
18 X 6	35	52.1	450	428	07.6	152	10.8
18 X 6	40	59.5	455	428	08.0	153	13.3
18 X 6	46	68.5	459	428	09.1	154	15.4
18 X 7 1/2"	41	61.0	455	430	08.4	190	12.0
18 X 7 1/2"	45	67.0	458	432	08.7	190	12.3
18 X 7 1/2"	50	74.4	457	428	09.0	190	14.5
18 X 7 1/2"	55	81.8	460	428	09.9	191	16.0
18 X 7 1/2"	60	89.3	463	428	10.5	192	17.7
18 X 7 1/2"	65	96.7	466	428	11.4	193	19.0
18 X 7 1/2"	71	106.0	469	428	12.6	194	20.6
18 X 11	76	113.0	463	428	10.8	280	17.3
18 X 11	86	128.0	467	428	12.2	282	19.6
18 X 11	97	144.0	472	428	13.6	283	22.1
18 X 11	106	158.0	476	428	15.0	284	23.9
18 X 11	119	177.0	482	428	16.6	286	26.9
18 X 11	130	193.0	489	428	17.0	283	30.5
18 X 11	143	213.0	495	428	18.5	285	33.5
18 X 11	158	235.0	501	428	20.6	287	36.6
18 X 11	175	260.0	509	428	22.6	289	40.4
18 X 11	192	286.0	519	428	22.8	293	45.0
18 X 11	211	314.0					
18 X 11	234	348.0					
18 X 11	258	384.0					

Vigas IPR

dimensiones en mm.

pulgadas	Lb/ft	Kg/ft	A	B	C	D	E
dimensiones	peso aprox.	peso aprox.	perlate exterior	perlate inferior	espesor peralte	ancho patín	espesor patín
18 X 11	283	421					
18 X 11	311	463					
21 X 6 1/2"	44	65.5	525	502	8.9	165	11.4
21 X 6 1/2"	50	74.4	529	502	9.7	166	13.6
21 X 6 1/2"	57	84.8	535	502	10.3	166	16.5
21 X 8 1/4"	48	71.4	522	500	8.2	208	11.9
21 X 8 1/4"	55	81.8					
21 X 8 1/4"	62	92.3	533	502	10.2	209	15.6
21 X 8 1/4"	68	101	537	502	10.9	210	17.4
21 X 8 1/4"	73	109	539	501	11.6	211	18.8
21 X 8 1/4"	83	124	544	502	13.1	212	21.2
21 X 8 1/4"	93	138	549	502	14.7	214	23.6
21 X 12 1/4"	101	150	543	502	12.7	312	20.3
21 X 12 1/4"	111	165	546	502	14.0	313	22.2
21 X 12 1/2"	122	182	551	502	15.2	315	24.4
21 X 12 1/2"	132	196	554	501	16.5	316	26.3
21 X 12 1/2"	147	219	560	502	18.3	318	29.2
21 X 12 1/2"	166	247	571	502	19.0	315	34.5
21 X 12 1/2"	182	271	577	502	21.1	318	37.6
21 X 12 1/2"	201	299	585	502	23.1	319	41.4
21 X 12 1/2"	223	332					
21 X 12 1/2"	248	369					
21 X 12 1/2"	275	409					
24 X 7	55	81.8	599	573	10.0	178	12.8
24 X 7	62	92.3	603	573	10.9	179	15.0
24 X 9	56	83.3	599	573	9.0	228	13.0
24 X 9	61	90.8					
24 X 9	68	101	603	573	10.5	228	14.9
24 X 9	76	113	608	573	11.2	228	17.3
24 X 9	84	125	612	573	11.9	229	19.6
24 X 9	94	140	617	573	13.1	230	22.2
24 X 9	103	153	623	573	14.0	229	24.9
24 X 12 3/4"	104	155	611	573	12.7	324	19.0
24 X 12 3/4"	117	174	616	573	14.0	325	21.6
24 X 12 3/4"	131	195	622	573	15.4	327	24.4

Vigas IPR

dimensiones en mm.

	pulgadas	Lb/ft	Kg/mt.	A	B	C	D	E
dimensiones		peso aprox.	peso aprox.	perlate exterior	perlate inferior	espesor peralte	ancho patín	Espesor patín
24 X 12 3/4"	146	217	628	573	16.5	328	27.7	
24 X 12 3/4"	162	241	635	573	17.1	329	31.0	
24 X 12 3/4"	176	262	641	573	19.0	327	34.0	
24 X 12 3/4"	192	286	647	573	20.6	329	37.1	
24 X 12 3/4"	207	308	660	573	22.0	333	39.0	
24 X 12 3/4"	229	341	661	573	24.4	333	43.9	
24 X 12 3/4"	250	372	670	573	26.6	335	47.5	
24 X 12 3/4"	279	415	679	573	29.5	338	53.1	
24 X 12 3/4"	306	455	689	573	32.0	340	57.9	
24 X 12 3/4"	335	499	699	573	35.1	343	63.0	
24 X 12 3/4"	370	551	711	573	38.6	347	69.1	
27 X 10	84	125	678	645	11.7	253	16.3	
27 X 10	94	140	684	646	12.4	254	18.9	
27 X 10	102	152	688	646	13.1	254	21.1	
27 X 10	114	170	693	646	14.5	256	23.6	
27 X 10	129	192	702	646	15.5	254	27.9	
27 X 14	146	217	700	650	15.0	358	25.3	
27 X 14	161	240						
27 X 14	178	265	707	647	19.0	362	30.0	
27 X 14	194	289	716	645	19.0	358	33.0	
27 X 14	217	323	727	650	21.0	361	38.0	
27 X 14	235	350	728	647	23.0	362	41.0	
27 X 14	258	384	733	647	25.0	364	44.0	
27 X 14	281	418	745	648	28.0	365	49.0	
27 X 14	307	457	753	648	30.0	368	53.0	
27 X 14	336	500	762	649	32.0	370	57.0	
27 X 14	368	548	772	647	33.0	370	61.0	
30 X 10 1/2"	90	134	746	716	11.9	265	14.9	
30 X 10 1/2"	99	147	753	719	13.2	265	17.0	
30 X 10 1/2"	108	161	758	719	13.8	266	19.3	
30 X 10 1/2"	116	173	762	719	14.4	267	21.6	
30 X 10 1/2"	124	185	766	719	14.9	267	23.6	
30 X 10 1/2"	132	196	770	719	15.6	268	25.4	
30 X 10 1/2"	148	220	779	719	16.5	266	30.0	
30 X 15	173	257	772	722	16.6	390	25.4	

Vigas IPR

dimensiones en mm.

pulgadas	lb/ft	kg/mt	A	B	C	D	E
dimensiones	peso aprox.	peso aprox.	perlate exterior	perlate inferior	espesor peralte	ancho patín	Espesor patín
30 X 15	191	284	784	722	18.0	384	29.1
30 X 15	211	314	790	722	20.0	385	32.0
30 X 15	235	350	796	722	24.0	385	36.0
30 X 15	261	388	803	723	23.0	389	41.0
30 X 15	292	435	803	720	25.0	385	46.0
30 X 15	326	485	825	722	29.0	390	53.0
30 X 15	357	531	831	723	31.0	388	54.0
30 X 15	391	582	840	718	34.0	388	61.0
33 X 11 1/2"	118	176	835	797	14.0	292	18.8
33 X 11 1/2"	130	193	840	797	14.7	292	21.7
33 X 11 1/2"	141	210	846	797	15.4	293	24.4
33 X 11 1/2"	152	226	851	797	16.1	294	26.8
33 X 11 1/2"	169	252	859	797	17.0	292	31.0
33 X 15 3/4"	201	299	861	801	18.0	403	29.0
33 X 15 3/4"	221	329	862	800	20.0	403	32.0
33 X 15 3/4"	241	359	871	802	21.0	410	34.0
33 X 15 3/4"	263	391	879	800	28.0	402	38.0
33 X 15 3/4"	291	433	885	801	26.0	404	41.0
33 X 15 3/4"	318	473	891	800	27.0	405	51.0
33 X 15 3/4"	354	527	902	801	29.0	403	51.0
33 X 15 3/4"	387	576	911	798	33.0	410	55.0
36 X 12	135	201	903	863	15.2	304	20.1
36 X 12	150	223	911	863	15.9	304	23.9
36 X 12	160	238	915	863	16.5	305	25.9
36 X 12	170	253	919	863	17.3	306	27.9
36 X 12	182	271	923	863	18.4	307	30.0
36 X 12	194	289	927	863	19.4	308	32.0
36 X 12	210	313	932	863	21.1	309	34.5
36 X 12	232	345	940	863	22.0	311	39.0
36 X 12	256	381	948	863	23.0	313	43.0
36 X 16 1/2"	231	344	927	825	19.3	418	32.0
36 X 16 1/2"	247	368	931	824	20.3	419	34.3
36 X 16 1/2"	262	390	936	824	21.3	420	36.6
36 X 16 1/2"	282	420	943	825	22.5	422	39.9
36 X 16 1/2"	302	449	948	825	24.0	423	42.7

dimensiones en mm.

pulgadas	lb/ft	kg/mt	A	B	C	D	E
dimensiones	peso aprox.	peso aprox.	perlate exterior	perlate inferior	espesor peralte	ancho patín	espesor patín
36 X 16 1/2"	330	491	957	825	25.9	422	47.0
36 X 16 1/2"	361	537	965	825	28.4	425	51.1
36 X 16 1/2"	395	588	976	825	31.0	427	55.9
36 X 16 1/2"	441	656	987	825	34.5	431	62.0
36 X 16 1/2"	487	725	999	825	38.1	434	68.1
36 X 16 1/2"	529	787	1011	825	40.9	437	73.9
36 X 16 1/2"	652	970	1043	825	50.0	446	89.9
40 X 12	149	222	970	928	16.0	300	21.1
40 X 12	167	249	980	928	16.5	300	26.0
40 X 12	183	272	990	928	16.5	300	31.0
40 X 12	211	314	1000	928	19.1	300	35.9
40 X 12	235	350	1008	928	21.1	302	40.0
40 X 12	249	371					
40 X 12	264	393	1016	928	24.4	303	43.9
40 X 12	278	414	1020	928	26.0	304	46.0
40 X 12	294	438	1026	928	27.0	305	49.0
40 X 12	327	487					
40 X 12	331	493	1036	928	31.0	309	54.0
40 X 12	392	583	1056	928	36.0	314	64.0
40 X 16	199	296	982	928	16.5	400	27.1
40 X 16	215	320	990	928	16.5	400	31.0
40 X 16	249	371	1000	928	19.0	400	36.1
40 X 16	277	412	1008	928	21.1	402	40.0
40 X 16	297	442	1012	928	23.6	402	41.9
40 X 16	324	482	1020	928	25.4	404	46.0
40 X 16	362	539	1030	928	28.4	407	51.1
40 X 16	372	554	1032	928	29.5	408	52.0
40 X 16	397	591	1040	928	31.0	409	55.9
40 X 16	431	641	1048	928	34.0	412	60.0
40 X 16	503	749	1068	928	39.0	417	70.0
40 X 16	593	882	1092	928	45.5	424	82.0
44 X 16	230	342	1090	1028	18.0	400	31.0
44 X 16	262	390	1100	1028	20.0	400	36.0
44 X 16	290	432	1108	1028	22.0	402	40.0
44 X 16	335	499	1118	1028	26.0	405	45.0

Perfil Tubular Pintado

PROLMSA		PVTSA	101	calibre	20	peso aprox. kgs Pza.	3.600
V131		104		20		5.800	
V120		104		18		7.500	
V120		112		20		5.600	
M225		112		18		7.500	
M225		112		18		7.500	
V154		114		20		1.100	
V154		114		18		1.500	
V155		117		20		1.650	
C100		121		20		4.300	
C100		121		18		5.600	
P1400		127		18		7.300	
M138		132		20		9.500	
M138		139		20		5.200	
M525		139		18		6.800	
M525		145		20		8.700	
M600		145		18		11.500	
M600		146		20		9.400	
M600		146		18		12.400	
V101		201		20		5.600	
V101		201		18		7.400	
V121		204		20		5.800	
V121		204		18		7.600	
V123		205		20		6.500	
V123		205		18		8.500	
V122		206		20		5.800	
V122		206		18		7.600	
C150		207		20		6.600	
C150		207		18		8.700	
C150		207		16		10.650	
C150		207		14		13.100	
C125		208		20		5.400	
C125		208		18		7.200	
C125		208		16		8.800	
C125		208		14		10.700	
R225		209		20		6.600	
R225		209		18		8.700	
C075		210		20		3.150	
C075		210		18		4.200	
V124		211		18		3.900	
C050		212		20		2.200	
C050		212		18		2.800	
R100		215		20		3.150	
R100		215		18		4.200	
R200		216		20		6.500	
R200		216		18		8.700	
R200		216		14		13.100	
V103		219		20		6.600	
V103		219		18		8.700	

PROLMSA		PVTSA	224	calibre	20	peso aprox. kgs Pza.	7.000
V144		224		18		9.000	
V144		224		18		9.000	
P1500		227		14		17.630	
P1500		227		16		14.250	
R125		228		18		5.600	
R125		228		20		4.300	
R175		230		20		5.400	
R175		230		18		7.200	
V106		233		20		6.600	
V106		233		18		8.700	
P150		234		20		7.450	
P150		234		18		9.700	
P015		235		18		11.260	
P015		235		20		8.500	
P100		236		20		6.100	
P100		236		18		8.000	
P020		238		20		9.300	
R249		241		20		8.000	
R249		241		18		10.500	
V127		242		20		8.500	
V127		242		18		11.200	
V126		243		20		7.800	
V126		243		18		10.200	
P200		261		20		8.200	
P200		261		18		10.800	
P250		268		20		9.300	
P250		268		18		12.000	
C200		307		18		11.500	
C200		307		16		14.300	
C200		307		14		17.700	
P300		310		20		10.500	
P300		310		18		13.800	
R300		322		20		9.600	
R300		322		18		12.700	
R300		322		16		15.600	
R300		322		14		19.200	
R250		368		20		8.500	
R250		368		18		11.800	
P400		410		20		12.700	
P400		410		18		16.800	
R400		422		20		11.800	
R400		422		18		15.600	
R400		422		16		19.300	
R400		422		14		23.800	

Perfil tubular zinto

5389 - 5050 5391 - 6670

5392 - 2447 5359 - 4187

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C.P. 54150

lamina Lisa Galvanizada

lamina ONDULADA



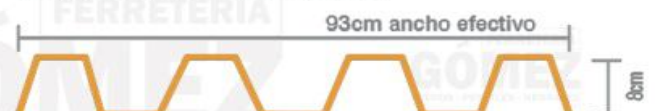
lamina R PANEL



lamina ONDULADA GF-81



lamina ESTRUCTURAL (G-93)



lamina RECTANGULAR (R101)



lamina GR-100



lamina ESTRUCTURAL (GW)



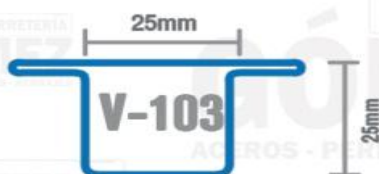
Lamina Galvanizada y Pintada

Tabla de Peso y Medida

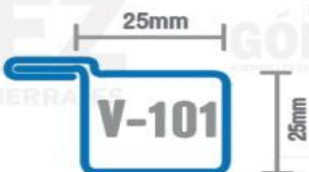
Espesor			Kilogramos X Hoja							
Cal	Pulg.	mm	3'X6'	3'X8'	3'X10'	3'X12'	4'X10'	4'X12'		
10	0.1360	3.454	45.33	60.44	75.55	90.66	83.00	103.00	124.00	
12	0.1061	2.695	35.36	47.14	58.93	70.71	62.85	78.57	94.28	
14	0.0762	1.936	25.38	33.84	42.30	50.76	45.14	56.33	67.71	
16	0.0613	1.557	20.40	27.21	34.01	40.81	36.28	45.35	54.42	
18	0.0493	1.252	16.42	21.89	27.36	32.83	29.18	36.48	43.77	
20	0.0374	0.950	12.44	16.59	20.74	24.89	22.11	27.63	33.16	
22	0.0314	0.798	10.43	13.91	19.39	20.86	18.54	23.18	27.82	
24	0.0224	0.569	7.43	9.91	12.38	14.86	13.22	16.53	19.84	
26	0.0194	0.493	6.44	8.59	10.74	12.88	11.44	14.30	17.17	
28	0.0164	0.417	5.44	7.25	9.06	10.87	9.99	12.08	14.49	
30	0.0135	0.343	4.47	5.95	7.44	8.93				

Perfil Tubular

tabla de pesos y medidas



Regiopytsa	Calibre	Peso X Pieza
219	20	6.60
	18	8.70



Regiopytsa	Calibre	Peso X Pieza
201	20	5.60
	18	7.50



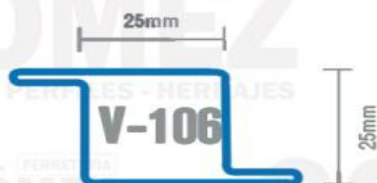
Regiopytsa	Calibre	Peso X Pieza
204	20	5.80
	18	7.60



Regiopytsa	Calibre	Peso X Pieza
243	20	7.80
	18	10.20



Regiopytsa	Calibre	Peso X Pieza
114	20	1.20
	18	1.50



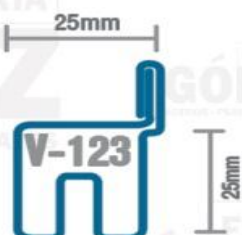
Regiopytsa	Calibre	Peso X Pieza
233	20	6.60
	18	8.70

Perfil Tubular

tabla de pesos y medidas



Regiopytsa	Calibre	Peso X Pieza
206	20	5.80
	18	7.60



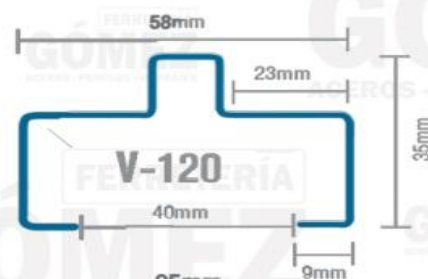
Regiopytsa	Calibre	Peso X Pieza
205	20	6.50
	18	8.55



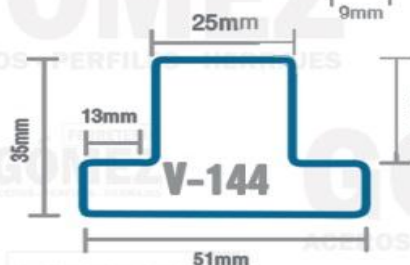
Regiopytsa	Calibre	Peso X Pieza
211	18	4.20



Regiopytsa	Calibre	Peso X Pieza
242	18	8.87
	20	11.51



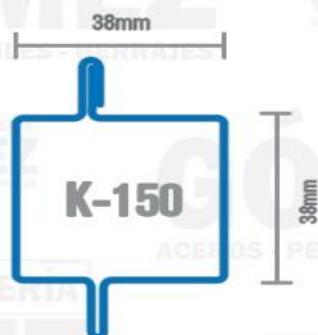
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104	20	6.20
	18	7.60



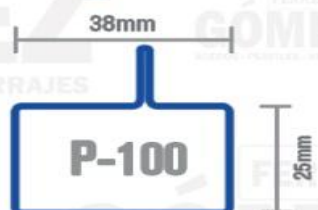
Regiopytsa	Calibre	Peso X Pieza
224	20	7.20
	18	9.00

Perfil Tubular

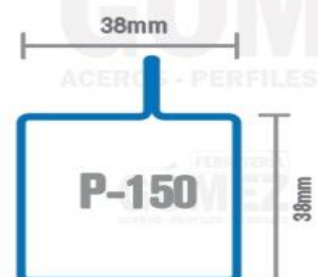
tabla de pesos y medidas



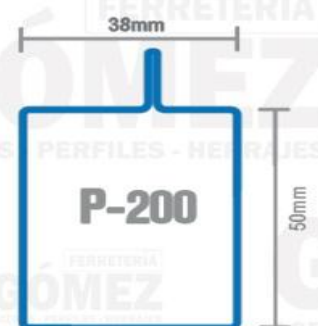
Regiopytsa	Calibre	Peso X Pieza
224	20	7.92
	18	11.40



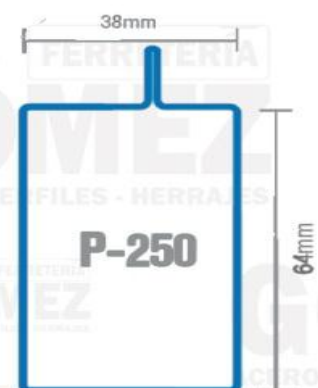
Regiopytsa	Calibre	Peso X Pieza
236	20	6.20
	18	8.00



RegiopytsaC	alibre	Peso X Pieza
234	20	7.50
	18	9.70



RegiopytsaC	alibre	Peso X Pieza
261	20	8.40
	18	10.80



RegiopytsaC	alibre	Peso X Pieza
268	20	9.69
	18	12.00

Perfil Tubular

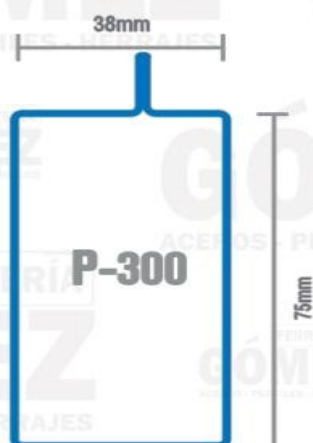
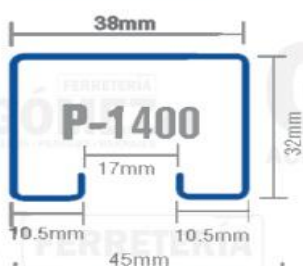


tabla de pesos y medidas

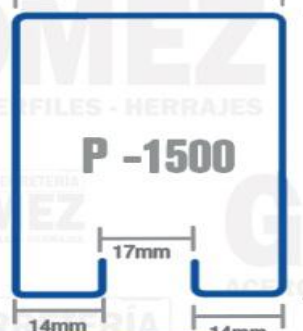
RegiopytsaC	alibre	Peso X Pieza
310	20	10.60
	18	13.80



RegiopytsaC	alibre	Peso X Pieza
410	20	12.70
	18	16.00



RegiopytsaC	alibre	Peso X Pieza
127	20	7.80



RegiopytsaC	alibre	Peso X Pieza
227	16	14.25

Perfil Tubular

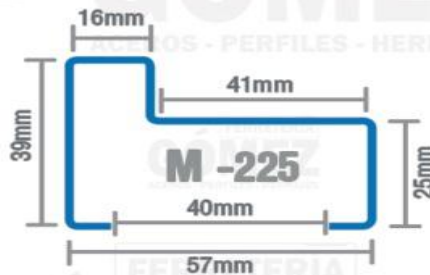
tabla de pesos y medidas



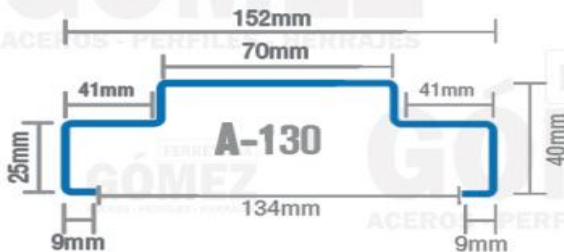
Regiopytsa	Calibre	Peso X Pieza
	18	2.70



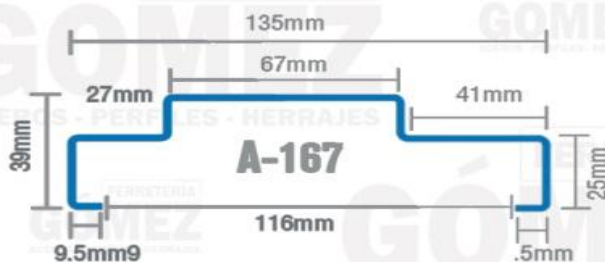
Regiopytsa	Calibre	Peso X Pieza
225	20	6.70
	18	9.00



RegiopytsaC	alibre	Peso X Pieza
112	20	5.90
	18	7.70



RegiopytsaC	alibre	Peso X Pieza
261	20	8.40
	18	11.40



RegiopytsaC	alibre	Peso X Pieza
268	20	9.69
	18	12.78

Perfil Tubular

tabla de pesos y medidas

Kg



C-050

Regiopytsa	Calibre	Peso X Pieza
212	20	2.22
	18	2.90



C-075

Regiopytsa	Calibre	Peso X Pieza
210	20	3.28
	18	4.30



C-100

Regiopytsa	Calibre	Peso X Pieza
121	20	4.34
	18	5.70



C-125

Regiopytsa	Calibre	Peso X Pza
208	20	5.58
	18	7.34
	16	9.10
	14	10.68



C-150

Regiopytsa	Calibre	Peso X Pza
207	20	6.63
	18	8.80
	16	10.90
	14	13.08



C-200

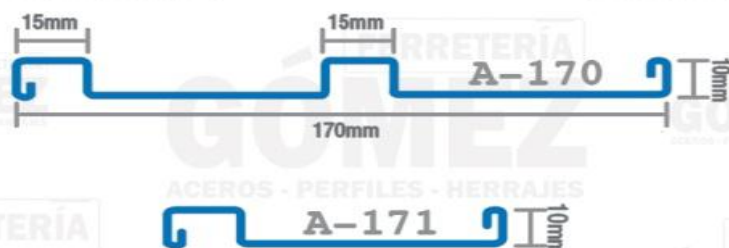
Regiopytsa	Calibre	Peso X Pieza
307	18	11.70
	16	14.45
	14	18.00

Cuadrados

perfil tubular

tabla de pesos y medidas

duelas



Regiopytsa	Calibre	Peso X Pieza
132	20	9.60

Regiopytsa	Calibre	Peso X Pieza
132	20	9.60

tableros

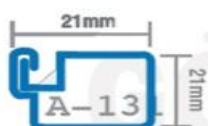


Calibre
20 y 22

Calibre
20 y 22

Calibre
20 y 22

mosquitero



Regiopytsa	Calibre	Peso X Pieza
132	20	9.60

ventana

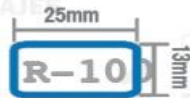


Regiopytsa	Calibre	Peso X Pieza
	20	9.30
	18	12.85

Regiopytsa	Calibre	Peso X Pieza
	20	11.60
	18	15.60

perfil tubular

rectangulares



R-10



R-125



R-229



R-175



R-200



R-225



R-249



R-250



R-300



R-400

tabla de pesos y medidas

Kg

Regiopytsa	Calibre	Peso X Pieza
215	20	3.20
	18	4.30

Regiopytsa	Calibre	Peso X Pieza
228	20	4.51
	18	5.93

Regiopytsa	Calibre	Peso X Pieza
229	20	5.38
	18	7.18

Regiopytsa	Calibre	Peso X Pieza
230	20	5.67
	18	7.46

Regiopytsa	Calibre	Peso X Pieza
216	20	6.63
	18	8.80

Regiopytsa	Calibre	Peso X Pieza
209	20	6.81
	18	8.97

Regiopytsa	Calibre	Peso X Pieza
241	20	8.00
	18	10.50

Regiopytsa	Calibre	Peso X Pieza
368	20	8.50
	18	11.80

Regiopytsa	Calibre	Peso X Pieza
322	20	9.60
	18	12.70
	16	16.20
	14	20.00

Regiopytsa	Calibre	Peso X Pieza
422	20	11.80
	18	15.60
	16	19.80
	14	24.60

5389 - 5050 5391 - 6670

5392 - 2447 5359 - 4187

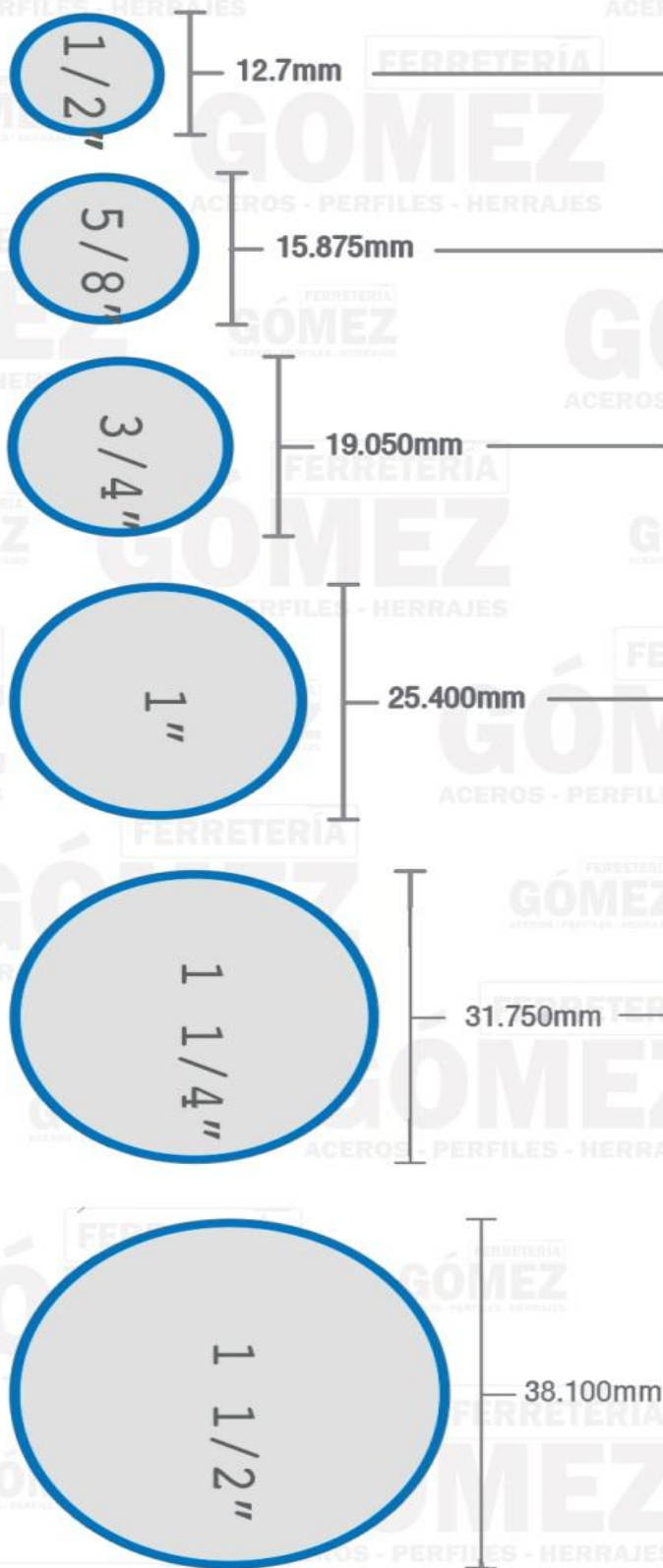
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Tubo Industrial

tabla de pesos y medidas

diametro exterior



Pared Calibre	Longitud Mts	Kg x metro	Kilos x pieza	Piezas x Atado
16	6	0.486	2.914	30
18	6	0.387	2.319	30

Pared Calibre	Longitud Mts	Kg x metro	Kilos x pieza	Piezas x Atado
14	6	0.759	4.552	16
16	6	0.607	3.642	20
18	6	0.483	2.899	20

Pared Calibre	Longitud Mts	Kg x metro	Kilos x pieza	Piezas x Atado
14	6	0.910	5.463	16
16	6	0.728	4.370	20
18	6	0.580	3.479	20

Pared Calibre	Longitud Mts	Kg x metro	Kilos x pieza	Piezas x Atado
14	6	1.214	7.284	10
16	6	0.971	5.827	13
18	6	0.773	4.639	16

Pared Calibre	Longitud Mts	Kg x metro	Kilos x pieza	Piezas x Atado
14	6	1.517	9.105	7
16	6	1.214	7.284	10
18	6	0.966	5.799	10

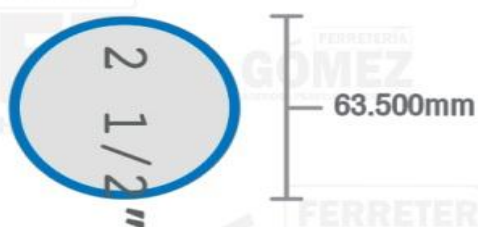
Pared Calibre	Longitud Mts	Kg x metro	Kilos x pieza	Piezas x Atado
14	6	1.821	10.926	7
16	6	1.457	8.741	7
18	6	1.160	6.958	10

Tubos

tabla de pesos y medidas



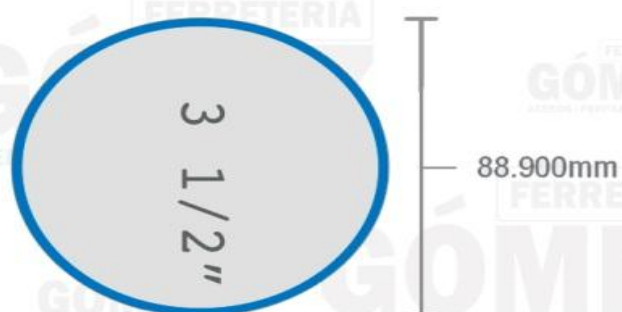
Pared Calibre	Longitud Mts	Kg x metro	Kilos x pieza	Piezas x Atado
14	6	2.428	14.568	
16	6	1.942	11.654	5
18	6	1.546	9.278	7



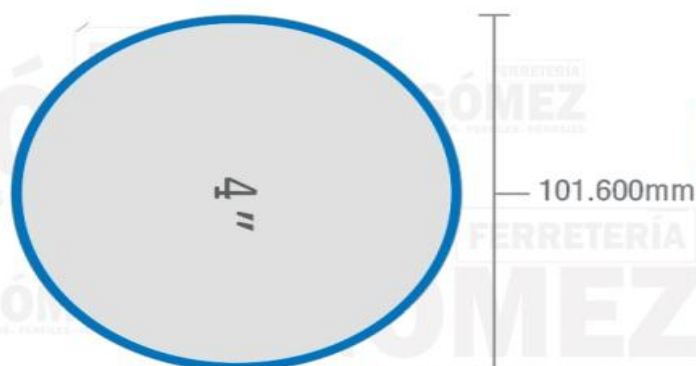
Pared Calibre	Longitud Mts	Kg x metro	Kilos x pieza	Piezas x Atado
14	6	3.035	18.210	
16	6	2.428	14.568	
18	6	1.933	11.597	



Pared Calibre	Longitud Mts	Kg x metro	Kilos x pieza	Piezas x Atado
14	6	3.642	21.851	
16	6	2.914	17.481	
18	6	2.319	13.917	



Pared Calibre	Longitud Mts	Kg x metro	Kilos x pieza	Piezas x Atado
14	6	4.249	25.493	
16	6	3.399	20.395	
18	6	2.706	16.236	



Pared Calibre	Longitud Mts	Kg x metro	Kilos x pieza	Piezas x Atado
14	6	4.856	29.135	
16	6	3.885	23.308	
18	6	3.093	18.556	

diametro exterior

Rejilla IRVING

SOLERA DE CARGA		DISTANCIA ENTRE APOYOS, EN METROS					
		0.25	0.5	0.75	1	1.25	1.5
PULGADAS 1" x 3/16"	R-1	2227	613	R-1 Carga en rodada sencilla R-2 Carga en rodada doble D- Deformacion (flecha en mm) P- Peso x m² SX- Modulo de Seccion x ML			
	R-2	5346	1472				
	D	0.33	1.31				
	P	55.1					
	SX	0.512					
1 1/4" x 3/16"	R-1	3448	1022				
	R-2	8276	2453				
	D	0.26	1.04				
	P	64					
	SX	0.8					
1 1/2" x 3/16"	R-1	7458	1649	898			
	R-2	11796	3957	2154			
	D	0.21	0.86	1.93			
	P	75.8					
	SX	1.152					
1 1/2" x 1/4"	R-1	7458	3722	1456			
	R-2	17900	8932	3495			
	D	0.24	0.98	2.20			
	P	99.6					
	SX	2.047					
2" x 3/16"	R-1	8586	4285	1737	1170		
	R-2	20606	10285	4169	2809		
	D	0.16	0.63	1.42	2.53		
	P	99.6					
	SX	2.047					
2" x 1/4"	R-1	13087	3533	4344	1906	1408	
	R-2	31408	15680	10427	4574	3402	
	D	0.18	0.72	1.63	2.89	4.52	
	P	131.1					
	SX	2.731					
2" x 3/8"	R-1	114941	11084	7373	5513	2625	
	R-2	35859	26601	17695	13230	6300	
	D	0.21	0.83	1.87	3.33	5.21	
	P	194.6					
	SX	4.021					
2 1/2" x 3/16"	R-1		6593	4385	1928	1433	1151
	R-2		15824	10524	4627	3440	2762
	D		0.5	1.12	1.99	3.12	4.49
	P		132.2				
	SX		3.199				
2 1/2" x 3/8"	R-1		17269	11492	8598	6857	3470
	R-2		41445	27582	20635	16456	8328
	D		0.66	1.49	2.66	4.15	5.98
	P		242				
	SX		6.284				
3" x 3/8"	R-1		19922	16519	12364	9865	8194
	R-2		47813	39645	29673	23675	19666
	D		0.55	1.24	2.21	3.45	4.97
	P		286.6				
	SX		9.048				

CAPACIDAD DE CARGA PERMISIBLE RODANTE DE REJILLA DE ACERO AL CARBON PARA SERVICIO PESADO
NORMAS ANSI A100 MBG 531-00 Y MBG 532-00 NORMA, ESPECIFICACION ASTM-A-1011/A 1011M-08 y/o ASTM-A-36

TuboGalvanizado

CEDULA 40-L200

DIAMETRO NOMINAL		DIAMETRO EXTERIOR		ESPESOR		CED No.	PRESIONES PRUEBA HIDROSTATICA ASTM A53 GA		PESO NOMINAL EXTREMO LISO		SISTEMA DE EMBARQUE	
pul	mm	pulg	mm	pulg	mm		lb/pulg ²	kg/cm ²	lb/pie	kg/m	kg/pza	pzas/paq
1/2	13	0.840	21.3	0.090	2.29	I-200	700	49	0.70	1.07	7.0	120
3/4	19	1.050	26.7	0.095	2.41	I-200	700	49	0.97	1.45	9.0	84
1	25	1.315	33.4	0.104	2.64	I-200	700	49	1.32	2.00	13.0	60
1 1/4	32	1.660	42.2	0.110	2.79	I-200	1200	84	1.82	2.72	17.5	42
1 1/2	38	1.900	48.3	0.114	2.92	I-200	1200	84	2.19	3.27	21.0	36
2	51	2.375	60.3	0.120	3.05	I-200	1200	84	2.89	4.30	27.5	26
2 1/2	64	2.875	73.0	0.160	4.06	I-200	1950	134	4.64	6.25	40.0	18
3	76	3.500	88.9	0.170	4.32	I-200	1750	123	6.06	9.01	57.5	14
4	102	4.500	114.3	0.185	4.70	I-200	1500	105	8.54	12.70	81.0	10
5				0.188	4.78	I-200	1020	72	12.92	19.26	123.0	7
6	152	6.625	168.3	0.250	6.35	I-200	1360	96	17.02	25.36	162.0	7

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