



# METÁLICOS MEDELLÍN

EN ACERO, SURTIDO, PRECIO Y SERVICIO...EL MEJOR

## HOJA TÉCNICA DE PRODUCTO

### PTR

Medidas y Pesos Teóricos							Características estructurales											
Dimensión Exterior		Color	Espesor			Largo Mts	Peso		Límite (Tons)			Area Cm2	Lx Cm4	Sx cm3	Rx Cm	Ly Cm4	Sy Cm3	Ry Cm
Pulg	m.m.		Cal	Pulg	mm		Kg/Mt	Kg/Pz	Diseño	Fluencia	Tracción							
1 x 1	25x25	Azul	14	0.075	1.90	6.00	1.44	8.64	3.2	5.3	6.6	1.72	1.47	1.20	0.93	1.47	1.20	0.93
		Verde	13	0.090	2.30	6.00	1.72	10.32	3.8	6.3	7.8	2.03	1.69	1.38	0.91	1.69	1.38	0.91
		Amarillo	11	0.120	3.00	6.00	2.29	13.74	4.9	8.2	10.2	2.64	2.17	1.46	0.89	2.17	1.46	0.89
		Rojo	10	0.135	3.40	6.00	2.57	15.42	5.3	8.9	11.1	2.88	2.19	1.79	0.87	2.19	1.79	0.87
1-1/4x1-1/4	32x32	Blanco	14	0.075	1.90	6.00	1.84	11.04	4.1	6.9	8.5	2.21	3.13	2.02	1.19	3.13	2.02	1.19
		Verde	13	0.090	2.30	6.00	2.20	13.20	4.9	8.1	10.1	2.62	3.62	2.34	1.18	3.62	2.34	1.18
		Amarillo	11	0.120	3.00	6.00	2.89	17.34	6.5	10.8	13.4	3.48	4.93	2.53	1.17	4.93	2.53	1.17
1-1/2x1-1/2	38x38	Azul	14	0.075	1.90	6.00	2.20	13.20	5.0	8.4	10.4	2.71	5.73	3.06	1.46	5.73	3.06	1.46
		Amarillo	13	0.090	2.30	6.00	2.65	15.92	6.1	10.2	12.6	3.28	7.01	3.94	1.46	7.01	2.94	1.46
		Blanco	12	0.105	2.70	6.00	3.08	18.48	6.9	15.5	14.3	3.71	7.54	4.02	1.43	7.54	4.02	1.43
		Verde	11	0.120	3.00	6.00	3.51	21.06	7.8	13.0	16.1	4.19	8.36	4.46	1.41	8.36	4.46	1.41
2 x 1	50x25	Rojo	10	0.135	3.40	6.00	3.92	23.52	8.7	14.5	17.9	4.66	9.12	4.86	1.40	9.12	4.86	1.40
		Blanco	14	0.075	1.90	6.00	2.22	13.32	5.0	8.4	10.4	2.71	8.62	2.87	1.78	2.84	1.75	1.02
		Verde	13	0.090	2.30	6.00	2.65	15.90	6.0	10.0	12.5	3.24	10.13	3.41	1.77	3.30	2.06	1.01
2-1/2x1-1/4	64x32	Rojo	11	0.120	3.00	6.00	3.50	21.00	7.7	12.8	15.9	4.14	12.55	4.29	1.74	4.00	2.56	0.10
		Blanco	14	0.075	1.90	6.00	2.79	16.75	6.5	10.9	13.5	3.50	18.64	4.81	2.31	6.23	2.94	1.33
		Verde	12	0.105	2.70	6.00	3.88	23.26	9.1	15.2	18.8	4.89	25.30	6.62	2.27	8.29	4.01	1.30
2-1/2x1-1/2	64x25	Blanco	14	0.075	1.90	6.00	2.98	17.88	6.9	11.6	14.4	3.73	20.83	5.28	2.36	9.20	3.67	1.57
		Verde	12	0.105	2.70	6.00	4.14	23.84	9.7	16.2	20.1	5.22	28.34	7.28	2.33	12.35	5.02	1.54
2 x 2	51x51	Azul	14	0.075	1.90	6.00	2.99	17.94	6.8	11.3	14.1	3.66	14.12	5.65	1.97	14.12	5.65	1.97
		Blanco	12	0.105	2.70	6.00	4.15	24.90	9.4	15.6	19.4	5.04	18.87	7.55	1.94	18.87	7.55	1.94
		Verde	11	0.120	3.00	6.00	4.71	28.26	10.6	17.7	22.0	5.71	21.08	8.43	1.92	21.08	8.43	1.92
		Rojo	10	0.135	3.40	6.00	5.28	31.68	11.9	19.8	24.5	6.37	23.17	9.27	1.91	23.17	9.27	1.91
2-1/2x2-1/2	64x64	Blanco	11	0.120	3.00	6.00	5.91	35.46	13.4	22.4	27.8	7.23	42.72	13.67	2.43	42.72	13.67	2.43
		Verde	10	0.135	3.40	6.00	6.65	39.90	15.1	25.1	31.1	8.08	47.17	15.10	2.42	47.17	15.10	2.42
		Amarillo	9	0.150	3.80	6.00	7.34	44.04	16.6	27.7	34.4	8.92	51.45	16.47	2.40	51.45	16.47	2.40
3 x 1	76x25	Blanco	14	0.075	1.90	6.00	2.98	17.88	6.8	11.3	14.1	3.66	24.12	5.53	2.57	4.11	2.48	1.06
		Verde	12	0.105	2.70	6.00	4.14	24.84	9.5	15.8	19.7	5.11	32.82	7.61	2.53	5.40	3.36	1.03
		Rojo	11	0.120	3.00	6.00	4.72	28.32	10.5	17.5	21.7	5.64	35.88	8.36	2.52	5.82	3.66	1.02
3 x 2	76x51	Blanco	11	0.120	3.00	6.00	5.91	35.46	13.4	22.4	27.8	7.23	55.96	14.92	2.78	29.47	11.79	2.02
		Verde	10	0.135	3.40	6.00	6.65	39.90	15.1	25.1	31.1	8.08	61.89	16.50	2.77	32.46	12.98	2.00
		Amarillo	9	0.150	3.80	6.00	7.34	44.04	16.6	27.7	34.4	8.92	67.60	18.03	2.75	35.31	14.12	1.99
3 x 3	76x76	Azul	14	0.075	1.90	6.00	4.50	27.00	10.5	17.5	21.7	5.63	51.67	10.43	3.03	51.57	10.43	3.03
		Blanco	11	0.120	3.00	6.00	7.11	42.56	16.3	27.1	33.7	8.75	75.85	20.17	2.94	75.65	20.17	2.94
		Verde	10	0.135	3.40	6.00	7.99	47.94	18.2	30.4	37.7	9.79	83.81	22.35	2.93	83.81	22.35	2.93
		Amarillo	9	0.150	3.80	6.00	8.88	53.28	20.1	33.5	41.7	10.82	91.70	24.45	2.91	91.70	24.45	2.91
3-1/2x3-1/2	89x89	Blanco	11	0.120	3.00	6.00	8.30	49.80	19.1	31.8	39.5	10.27	122.26	27.95	3.45	122.26	27.95	3.45
		Verde	10	0.135	3.40	6.00	9.34	56.04	21.4	35.7	44.3	11.50	135.75	31.03	3.44	135.75	31.03	3.44
		Amarillo	9	0.150	3.80	6.00	10.38	65.28	23.6	39.4	49.0	12.72	148.85	31.02	3.42	148.85	31.02	3.42
4 x 2	102x51	Azul	14	0.075	1.90	6.00	4.50	27.01	10.6	17.6	21.8	5.67	78.54	12.57	3.72	26.70	7.75	2.17
		Blanco	11	0.120	3.00	6.00	7.11	42.66	16.3	27.1	33.7	8.75	113.45	22.69	3.60	37.86	15.14	2.08
		Verde	10	0.135	3.40	6.00	7.99	47.94	18.2	30.4	37.7	9.79	125.87	25.17	3.59	41.75	16.70	2.06
		Amarillo	9	0.150	3.80	6.00	8.88	53.28	20.1	33.5	41.7	10.82	137.93	27.59	3.57	45.47	18.19	2.05
4 x 3	102x76	Blanco	11	0.120	3.00	6.00	8.30	49.80	19.1	31.8	39.5	10.27	149.18	29.84	3.81	95.34	25.42	3.02
		Verde	10	0.135	3.40	6.00	9.34	56.04	21.4	35.7	44.3	11.50	165.76	33.15	3.80	105.73	28.20	3.03
		Amarillo	9	0.150	3.80	6.00	10.38	62.28	23.6	39.4	49.0	12.72	181.91	36.38	3.78	115.80	30.88	3.02
4 x 4	102x102	Azul	14	0.075	1.90	6.00	6.02	36.12	14.2	23.6	29.3	7.61	127.09	19.04	4.09	127.09	19.04	4.09
		Blanco	11	0.120	3.00	6.00	9.50	57.00	21.8	36.3	45.0	11.70	180.67	36.41	3.93	180.67	36.41	3.93
		Verde	10	0.135	3.40	6.00	10.69	64.14	24.4	40.6	50.5	13.11	200.91	40.48	3.91	200.91	40.48	3.91
		Amarillo	9	0.150	3.80	6.00	11.87	71.22	27.0	45.0	55.9	14.51	220.65	44.46	3.90	220.65	44.46	3.90
		Rojo	7	0.188	4.80	6.00	14.10	84.60	*	*	*	17.90	275.00	54.20	3.92	275.00	54.20	3.92
6 x 2	152x51	Blanco	14	0.075	1.90	6.00	6.02	36.12	14.0	23.4	29.0	7.53	210.10	23.42	5.28	36.55	10.61	2.20
		Verde	11	0.120	3.00	6.00	9.58	57.48	21.9	36.5	45.3	11.76	322.14	36.22	5.23	54.69	16.22	2.16

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