

# GALVANIZED STEEL COIL, SHEET OR STRIP



**VILLACERO**

TODO EN ACERO

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Due to its quality, it is the ideal material for a wide variety of uses; the steel sheet galvanized by the hot dip process and an annealing process provide the highest quality in terms of coating, surface and stamping ability, in addition there are the best quality controls with specialized measurements such as: the thickness of black sheet based on gamma rays, zinc coating through automatic X-ray calibrators, in addition to mechanical testing and chemical analysis of zinc required by the customer.

## CHARACTERISTICS

- Gauges from 16 to 32 in widths of 914 mm (36 ") up to 1219 mm (48").
- With steel designation: commercial, structural, forming and deep drawn.
- Finish: Regular spangle o Skinpass.
- Zinc coating: standard (F) G40 and G90: It can be given through programming and feasibility.
- Resistance to corrosion.

## USES AND APPLICATIONS

- White goods
- Residential and industrial air conditioners
- Structural and architectural panels
- Illumination.
- Mezzanine systems, ducts
- Steel office furniture.
- Roofs and facades.
- Automotive bodies
- Supports, mufflers, metal curtains

# TECHNICAL INFORMATION

## Calibers, weights, and measures - ASTM A653

GAGES	THICKNESS		TOLERANCES		WEIGHT PER SHEET (Kg)						KG X LINEAL METER	
	in	mm	In	mm	3'x 6'	3'x 8'	3'x 10'	3'x 12'	4'x 8'	4'x 10'	3'(914mm)	4'(1219mm)
16	0.0593	1.506	0.005	0.12	20.14	27.20	34.00	40.80	36.26	45.33	11.15	14.87
18	0.0483	1.227	0.004	0.10	16.40	21.86	27.33	32.80	29.15	36.44	8.97	11.96
20	0.0365	0.927	0.003	0.08	12.43	16.57	20.72	24.86	22.10	27.62	6.80	9.06
22	0.0295	0.749	0.003	0.08	10.43	13.91	17.38	20.86	18.54	23.18	5.70	7.60
24	0.0215	0.546	0.002	0.05	7.43	9.90	12.38	14.86	13.21	16.51	4.06	5.42
26	0.0181	0.460	0.002	0.05	6.43	8.57	10.71	12.86	11.43	14.29	3.52	4.69
28	0.0150	0.381	0.002	0.05	5.43	7.24	9.05	10.86	9.65	12.06	2.97	3.96
30	0.0120	0.305	0.002	0.05	4.46	5.95	7.44	8.92			2.44	
32	0.0103	0.262	0.002	0.04	3.70	4.93	6.17	7.40			2.03	

Note 1: A zinc coating of 275 gr / m<sup>2</sup> is considered.

Note 2: The thicknesses and widths described here are considered standard, for any other, consult the commercial area.

## Laboratory tests and standards

TEST	METHOD	CLASSIFICATION	VALUE
Hardness	Rockwell Scale B	Commercial steel	65 máx.
		Forming steel	60 máx.
		Deep Drawing steel	55 máx.
% Elongation	Tension	Commercial steel	20% a 25%
		Forming steel	26% a 31%
		Deep Drawing steel	32% a 39%
Corrosion	Saline Chamber	ASTM B 117	
Zinc coating	X-rays	ASTM A 90	

## Quality standards

NMX - B-9	ASTM A653	Zinc-coated steel sheet (Galvanized) or with Zinc-Iron alloy coating (Galvannealed), by hot dip process
NMX - B-55	ASTM -A-924	General requirements for steel sheet with metal coating, by the hot dip process.

## Line capabilities

	MINIMUM		MAXIMUM	
	SI	SM	SI	SM
Wide	24"	609 mm	49"	1244 mm
Length	3ft	914 mm	12ft	3658 mm
Thicknesses	0.010"	0.254 mm	0.60"	1.524 mm
Coating	G40	Z120	G90	Z275
Steel	Commercial, Structural, Forming and Deep Drawing			
Weight	5 TM.			



PROCESSES CERTIFIED  
UNDER ISO 9001: 2015 STANDARD  
FM 35435



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### CUSTOMER CONTACT

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