



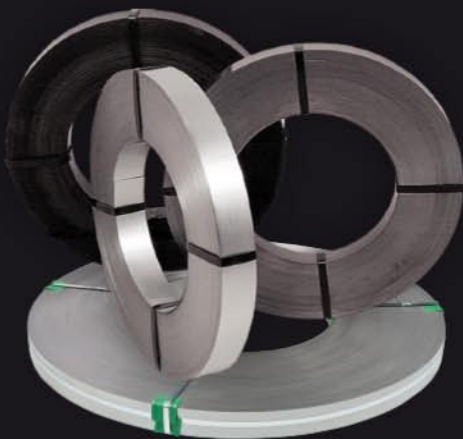
STRIP COLD ROLLED STEEL

Guaranteed strict tolerances.
A true fact.



STRIP COLD ROLLED STEEL

Guaranteed strict tolerances.
A true fact.



Cintacero is leader in Mexico in the production of cold rolled steel strip made to the order. Its first level infrastructure and more than 30 years of experience give its customers the confidence of receiving a product wich complies with thickness hardness, dimensions, steel grade, mechanical properties and quantity requirements.

The quality assurance system is certified by ISO 9001-2000.

Has a modern laboratory for making different tests wich are reported in the Quality Certificate.





PRODUCTS

ELECTROGALVANIZED STEEL STRIP

LOW CARBON STEEL STRIP

MEDIUM CARBON STEEL STRIP

STRAPPING STRIP

ELECTRIC STEEL STRIP

HOT-DIP GALVANIZING STRIP

THIS PRODUCTS ARE FABRICATED IN DIFFERENT HARDNESS: FULL HARD, HALF HARD, QUARTER HARD, SKIN PASSED AND DEAD SOFT.

THE STRAPPING STRIP IS MADE:

PREPAINTED

HIGH STRENGTH

ADVANTAGES

CLOSE CONTROL THICKNESS

REDUCTION OF CUSTOMER PRODUCTION PROCESS

INCREASE PRODUCTIVITY BY REDUCTION OF EQUIPMENT ADJUSTMENT

REDUCTION OF REJECTS

LOWER INVENTORIES AND JUST IN TIME DELIVERY

PERSONALIZED PROFESSIONAL ASSISTANCE

SOME APPLICATIONS

AUTOMOTIVE

ELECTRIC

ELECTRONIC INDUSTRIES

METAL FORMING IN GENERAL

DATA SHEET

SPECIFICATIONS

HARDNESS	THICKNESS (Inches)	DUREZA ROCKWEL		TENSILE STRENGTH PSI (MPA)	% ELONGATION IN 2" X 0.050"
		MÍN.	MÁX.		
1 (full hard)	Less than 0.025	15T89	---	90,000 +/- 10,000 (620 +/- 70)	---
	0.025 - 0.0399	30T76	---		
	0.040 - 0.0699	B90	---		
	0.070 ó mayor	B84	---		
2 (half hard)	Less than 0.025	15T83	15T88	65,000 +/- 10,000 (450 +/- 70)	10 +/- 6
	0.025 - 0.0399	30T64	30T74		
	0.040 ó mayor	B70	B85		
3 (quarter hard)	Less than 0.025	15T81	15T86	55,000 +/- 10,000 (380 +/- 70)	20 +/- 7
	0.025 - 0.0399	30T58	30T68		
	0.040 ó mayor	B60	B75		
4 (skin pass)	Less than 0.025	---	15T82.5	48,000 +/- 6,000 (330 +/- 40)	32 +/- 8
	0.025 - 0.0399	---	30T61		
	0.040 ó mayor	---	B65		
5 (dead soft)	Less than 0.025	---	15T79.5	44,000 +/- 6,000 (303 +/- 40)	39 +/- 6
	0.025 - 0.0399	---	30T55		
	0.040 ó mayor	---	B55		

STRIP	THICKNESS Inches (mm)	WIDHT Inches (mm)	OTHER CHARACTERISTICS	EDGE (ASTM-A-109)	SHEET LENGTH Inches (mm)	SURFACE FINISH	SAE
Low Carbon Steel ASTM-A-109	0.008-0.180 (0.20-4.57)	0.200-28.0 (5-711)	Hardness 1, 2, 3, 4, 5 ó 6	Number 1, 2, 3, 4, 5, 6	8-240 (203-6096)	* Dull * Brillant	1006-1020 includes aluminum killed steels
Medium Carbon Steel ASTM-A-684	0.015-180 (0.38-4.57)	0.125-28.0 (3.711)	* Spheroidized * Annealed * Quenched * Tempered	Number 1, 2, 3, 4, 5 ó 6	12-240 (203-6096)	* Dull * Brillant	1030-1055
Electrogalvanized 12 micron máx. per side. ASTM-A-591 ASTM-A-879-87	0.012-0.125 (0.30-3.17)	0.125-24.0 (3-610)	* Hardness 1, 2, 3, 4, 5 ó 6	Number 1, 2, 3, 4, 5 ó 6	12-240 (203-6096)	* Dull * Brillant * White-Blue * Yellow * Greene	1006-1020
HOT-DIP Galvanizing ASTM-A-653	0.0112-0.0613 (0.28-1.56)	0.200-48 (5-1222)	G-30 - G90 Min. Max. (Comercial, Structural, Lock- Forming, Deep Drawing, Extra Deep Drawing.)	Number 1, 2, 3, 4, 5 ó 6	8-240 (203-6096)	Regular Spangle Minimum Spangle	1006-1020

CODE COLORS FOR ELECTROZINCATED PRODUCTS

TENSILE STRENGTH HRS.
SALINE CHAMBER ASTM B-117



White-Blue
48 hrs.



Yellow
72 hrs.



Green
144 hrs.



SALES REPRESENTATIVES
THROUGHOUT THE MEXICAN REPUBLIC

T (81) 8989 8989
ventas@villacero.com
WWW.VILLACERO.COM

MONTERREY, N.L.
TORRE VILLACERO
AVE. OCAMPO 250 PTE
ZONA CENTRO C.P. 64000
T (81) 8989 8989
F (81) 8989 8988

MÉXICO, D.F.
PONIENTE 128 NO. 672
FRACC. INDUSTRIAL VALLEJO
C.P. 02300
T (55) 3000 6000
F (55) 3000 6091

GUADALAJARA, JAL.
FRANCISCO JAVIER GAMBOA
NO. 388 INT. 203 COL. ARCO SUR
C.P. 44150
T (33) 3616 7272, 3616 7364
F (33) 3616 7272, 3616 7364

CÓRDOBA, VER.
KM 10 CARRETERA FEDERAL
COL. VENTA PARADA AMATLÁN
DE LOS REYES
C.P. 94946
T (271) 716 6595