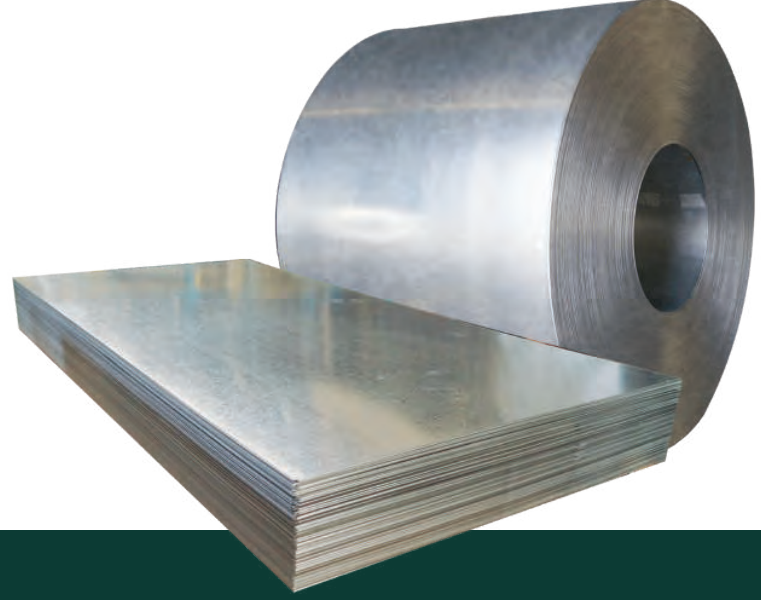




- ✓ Lead Safe Zinc (less than 90ppm)
- ✓ Trivalent Chrome Passivation (No Hexavalent Chrome)
- ✓ No - Mercury, Cadmium, PBB & PBDE.



General Description

Mogalvin Trichrome is a Galvanized steel Coils from UNICOIL, treated with Trivalent Chrome (Cr^3) passivation, which is an alternate surface treatment to the Hexavalent chrome passivation. Trivalent Chrome passivation is eco- friendly and offers good corrosion resistance. By applying Trivalent chrome passivation, Mogalvin – Trichrome becomes ROHS in compliance as UNICOIL uses zinc with ≤ 90 ppm lead which is maximum allowed limit as per SASO ASTM A653/A653M and ASTM A653/A653M. The other elements, Mercury, Cadmium, PBB and PBDE are not present in the Galvanized steel.

STANDARD	DESCRIPTION	GRADES
SASO-ASTM A653/A653M	Standard Specification for Steel Sheet, Zinc Coated (Galvanized) or Zinc Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process	CS-Type A, B, C FS Type A, B
ASTM A653/A653M	Standard Specification for Steel Sheet, Zinc Coated (Galvanized) or Zinc Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process	SS33, SS37, SS40, SS50,SS55, SS60 & SS80FS Type A, B
EN 10346	Continuously hot-dip coated steel flat products for cold forming – Technical delivery conditions	DX51D, DX52D S220GD, S250GD, S280GD, S320GD, S350GD, S390GD, S420GD & S550GD
JIS G 3302	Hot-Dip Zinc-Coated steel sheet and strip	G250, G300, G350, G450, G550
AS 1397	Continuous Hot-Dip Metallic coated steel sheet and Strip - Coatings of Zinc and Zinc alloyed with Aluminum and Magnesium	G250, G300, G350, G450, G550



Tolerance on Nominal Thickness

Thickness (mm)	ASTM	½ ASTM
0.20 – 0.40	± 0.040	± 0.020
0.401 – 1.00	± 0.050	± 0.025
1.01 – 1.50	± 0.065	± 0.033
1.51 – 2.00	± 0.075	± 0.038
2.00 – 2.50	± 0.100	± 0.050
2.50 – 3.00	± 0.170	± 0.085

Note: Restricted or customized thickness tolerances can be offered on request.

Product Features

	Coils	Slit Coils	Cut Sheet
Thickness (BMT – mm)	0.20 – 3.00	0.25 – 3.00	0.30 – 3.00
Width (mm)	700 to 1,300	24 mm Min	700 - 1,300
Zinc Coating (GSM)*	40 to 400 (total both sides)	40 to 400 (total both sides)	40 to 400 (total both sides)
Spangles	Regular / Minimized Spangles (Skin Passed)	Regular / Minimized Spangles (Skin Passed)	Regular / Minimized Spangles (Skin Passed)
Passivation	Trivalent Chrome	Trivalent Chrome	Trivalent Chrome
Oiling (mg/m ²)	200 – 1000	Not Applicable	Not Applicable
Coil ID (mm)	508 (610 optional)	508 (160, 200 & 300 for cable industry)	Not Applicable
Length (mm)	Not Applicable	Not Applicable	500 – 4,000
Coil Weight / Pallet Weight (Kgs)	3,000 – 12,000	3kg/mm to 8kg/mm of Width	3,000 Max

* Minimum zinc coating mass of 40 to 400 gsm available for thickness above 0.30mm thickness.

(Less than 60 gsm available for standards other than SASO ASTM)

TCT – Total Coated Thickness (Steel thickness + Zinc coating thickness)

