

GI Galvanized Steel Coil

Hot-Dip Galvanized Steel Coil (HDG) | Z60-Z275 Zinc Coating | ASTM A653 / JIS G3302 / EN 10346

0.12-3.0mm	600-1500m m	Z60-Z275	500,000 MT/yr	50+	25 MT
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PRODUCT SPECIFICATIONS

Process	Continuous hot-dip galvanizing
Base Steel	Cold-rolled low carbon / HSLA steel
Thickness	0.12 mm - 3.0 mm (tolerance +/-0.03 mm)
Width	600 mm - 1500 mm (custom slit available)
Coil Weight	3 - 15 metric tons per coil
Inner Diameter	508 mm / 610 mm
Zinc Coating Mass	Z60 / Z80 / Z100 / Z120 / Z140 / Z180 / Z275 g/m2
Coating Test	Triple spot test per ASTM A90 / JIS H0401
Surface Finish	Regular spangle / Minimized / Zero spangle / Skin-passed
Passivation	Chrome-free passivation available
Oiling	Lightly oiled / Dry / Heavy oiled
Yield Strength	140 - 550 MPa (grade dependent)
Tensile Strength	270 - 570 MPa
Elongation	14% - 38%
Bend Test	180 degree bend, no cracking (DX51D)

AVAILABLE GRADES & INTERNATIONAL STANDARDS

Standard	Grade	Yield Strength	Use
ASTM A653	CS-B / FS / SS Gr33/37/40/50/80	230-550 MPa	General / Structural
JIS G3302	SGCC / SGCH / SGC340/400/490/570	205-560 MPa	General / High-str.
EN 10346	DX51D / DX52D / S280-S550 GD+Z	140-550 MPa	Forming / Structural

Standard	Grade	Yield Strength	Use
AS 1397	G2 / G300 / G350 / G450 / G500+Z	200-500 MPa	Australia / NZ
GB/T 2518	DC51D / DC52D / S280 / S350 GD+Z	140-350 MPa	China standard

TYPICAL APPLICATIONS

- * Light gauge steel framing & purlins
- * HVAC ductwork & ventilation systems
- * Agricultural buildings & greenhouses
- * Corrugated roofing & cladding sheets
- * Cable trays & electrical conduits
- * Automotive parts & brackets
- * Steel pipes & tubes (ERW)
- * Cold-formed profiles & sections

WHY CHOOSE CHINACNU

- + 15+ years export experience
- + ISO 9001:2015 certified
- + ASTM / JIS / EN compliant
- + SGS third-party inspection
- + Zero spangle for painting available
- + Chrome-free passivation option
- + Mill test certificate standard
- + FOB Qingdao, competitive freight

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