

GJ-CRC-SPCC

Cold Rolled Steel Coil

Grade: SPCC

GB/T 5213-2019 | JIS G3141 | ASTM A1008 CS Type B equivalent

COLD ROLLED COIL (CRC)

PRODUCT DESCRIPTION

Cold rolled steel coil SPCC is produced by cold rolling pickled hot rolled coil to precise thickness, followed by annealing and temper rolling. The product features a smooth, bright surface with excellent flatness and tight thickness tolerance. SPCC is the standard grade for general cold forming and is widely used in automotive, appliance and furniture industries.



KEY FEATURES

- > Excellent surface quality: smooth, bright, scratch-free
- > Tight thickness tolerance $\pm 0.01\text{mm}$ for precision applications
- > Good formability for bending, stamping and deep drawing
- > Annealed for optimal ductility (HRB ≤ 65 soft temper)
- > Available with oiled or dry surface for storage protection

TYPICAL APPLICATIONS

- > Automotive body panels and structural components
- > Home appliances: refrigerators, washing machines, AC units
- > Furniture and office equipment manufacturing
- > Electrical enclosures and switchgear cabinets
- > Base material for galvanizing, color coating and tinning

CHEMICAL COMPOSITION (wt %)

C	Mn	P	S	Alt
<=0.12	<=0.50	<=0.035	<=0.035	>=0.020

MECHANICAL PROPERTIES

Temper	Yield MPa	Tensile >=MPa	Elong >=%	Hardness HRB
Soft (S)	180-280	270	38	<=65
Half Hard (1/2H)	350-450	440	12	70-85
Full Hard (FH)	>=550	>=600	>=2	>=85

DIMENSIONS & SPECIFICATIONS

Parameter	Range
Thickness	0.15 - 3.0 mm
Width	600 - 1500 mm
Coil ID	508 / 610 mm
Coil Weight	3 - 15 tons
Surface	Bright annealed, oiled/dry
Edge Condition	Mill edge / Slit edge
Flatness	<=5mm/l-unit (l-unit=1m)

PACKAGING & SHIPPING

Standard export packing: steel strapping, waterproof paper, VCI rust protection, wooden/metal pallets. Container loading: 18-22 tons per 20ft GP.