

Steel Coil and Strip Datasheet

Flat steel bought by the coil for roll forming stamping and decoiling lines rather than by the cut sheet.

Shandong Tianyu Metal Products Co., Ltd.
 Dongcheng Street, Liaocheng Economic and Technological Development Zone, Shandong Province, China
 Email dinah@tianyumetal.com / jass@tianyumetal.com
 WhatsApp +86 199 6352 2611 / +86 153 4544 9731
 Web <https://tianyumetal.com/>

Steel coil and strip is flat steel supplied in continuous form for plants that feed a roll former, a press line or a slitter rather than handling individual sheets. The range splits into six ways in: carbon steel coil for general forming, GI and PPGI for galvanized and prepainted work, GL and PPGL for galvalume and prepainted galvalume, spring steel coil where the strip has to return to shape, stainless steel coil for corrosion service, and Zn-Al-Mg coil where a longer lasting metallic coating is specified. Choosing between them is a coating and substrate decision before it is a price decision, because the coating determines what happens at the cut edge and how the strip behaves through the forming rolls. Tianyu Metal is a steel producing, processing and sales enterprise in Liaocheng, Shandong, and coil is one of the three core forms alongside plate and pipe.

Carbon Steel Coil (2 products)

Uncoated mild steel coil for fabricators who roll form slit or press their own parts instead of buying finished sections

Cold Rolled Steel Coil

Cold rolled mild steel coil in SPCC SPCD SPCE and DC01 to DC04 up to 1500mm wide

Property	Value
Product Name	Cold rolled steel coil mild steel coil carbon steel coil
Standards	JIS G3141 DIN1623 EN10130
Material	SPCC SPCD SPCE Q195 DC01 DC02 DC03 DC04 ST12
Grade	S235 S235JR S335 SS400 ST37 ST52 E250 E350 SM400 SM490 SPCC SPCD SPCE DC01 DC02 DC03 DC04
Thickness	0-3mm or customized
Width	0-1500mm or customized
Size	Customized
Technique	Cold rolled
Finish	General bright dull and mirror finish oiled or non-oiled
Surface	Nature or painted

Carbon Steel Coil

Mild steel coil for structural members bridge work and general fabrication

Property	Value
Product Name	Mild steel coil carbon steel coil
Place of Origin	China

Property	Value
Standards	EN10025 ASTM A573 ASTM A283 GB/T 700-2006 GB/T711-2008 JIS G3101 JIS G3131 JIS G3016
Material	Q195 Q215 Q235B Q345B S235JR S355JR SS400 SS490 SM400 SM490
Grade	S235 S235JR S335 SS400 ST37 ST52 E250 E350 SM400 SM490
Thickness	0-100mm standard with 0.1mm-300mm available or customized as required
Width	From 1500mm or customized as required
Size	Customized size
Technique	Hot rolled and cold rolled
Application	Building bridge general fabrication works

GI/PPGI Steel Coil (3 products)

Zinc coated and colour coated coil for roll formers who want the finish applied at the mill rather than in the workshop

Pre-Painted Galvanized Steel Coil

Color finished galvanized coil that leaves the roll former ready to install

Property	Value
Product Name	Pre-Painted Galvanized Steel Coil
Also Known As	PPGI color coated galvanized steel coil
Material	G250 G350 G450 G550 A36 SS400 S275 S235 Q195 Q215 Q235B Q345B SGCC DX51D
Zinc Coating	G20 G30 G40 G60 G90 Z40 Z60 Z80 Z100 Z120 Z150 Z275 Z350
Galvanizing Technology	Hot-dipped or electro
Base Product	Galvanized steel coil
Finish	Pre-painted color coat over the zinc layer
Form	Coil or cut to length sheet
Place of Origin	China

Galvanized Steel Strip

Narrow zinc coated strip slit to your width from full width galvanized master coil

Property	Value
Product Name	Galvanized Steel Strip
Also Known As	Slit galvanized coil GI strip
Steel Grade	G250 G350 G450 G550 A36 SS400 S275jr A653
Zinc Coating	G20 G30 G40 G60 G90 Z150 Z275 Z350
Galvanizing Technology	Hot dipped or electro
Form	Slit strip in coil
Width	Slit to customer requirement
Processing Service	decoiling to width
Place of Origin	China
Supply	China factory direct sales

Galvanized Steel Coil

Full width zinc coated coil in structural and commercial grades for roll forming lines

Property	Value
Product Name	Galvanized Steel Coil
Also Known As	GI coil zinc coated steel coil
Steel Grade	G250 G350 G450 G550 A36 SS400 S275jr A653
Zinc Coating	G20 G30 G40 G60 G90 Z150 Z275 Z350

Property	Value
Galvanizing Technology	Hot dipped or electro
Form	Full width coil
Related Product	Aluminum zinc coated steel coil
Size	Customized
Place of Origin	China
Supply	China factory direct sales

GL/PPGL Steel Coil (2 products)

Aluminum zinc coated coil for exterior roofing and wall panels that stay outdoors in snow ice and rain

Pre-Painted Galvalume Steel Coil

Aluminum zinc coated coil with a factory color finish for exterior paneling and roofing

Property	Value
Product Name	Pre-Painted Galvalume Steel Coil
Also Known As	PPGL color coated galvalume steel coil aluminum-zinc coated coil
Standards	BS EN GB AISI ASTM DIN JIS
Material	Q195 Q215 Q235B Q345B S235JR S355JR SS400 SS490 SM400 SM490 G350 G550
Base Grades	G250 G350 G450 G550 A36 SS400 S275jr S235
Coating Mass	G20 G30 G40 G60 G90 Z40 Z60 Z80 Z100 Z120 Z150 Z275 Z350
Coating Type	Aluminum-zinc galvalume coating
Finish	Pre-painted color coat over the aluminum-zinc coating
Thickness	0.1mm-300mm or customized as required
Width	1500mm-2000m or customized as required

Galvalume Steel Coil

Aluminum zinc coated coil for roofing wall cladding and outdoor formed sections

Property	Value
Product Name	Galvalume Steel Coil
Also Known As	Aluminum zinc coated steel coil galvanized aluminum zinc steel coil
Place of Origin	China
Standards	BS EN GB AISI ASTM DIN JIS
Material	Q195 Q215 Q235B Q345B S235JR S355JR SS400 SS490 SM400 SM490 G350 G550
Alternative Base Grades	G250 G350 G450 G550 A36 SS400 S275JR S235
Thickness	0.1mm-300mm or customized as required
Width	From 1500mm or customized as required
Zinc Coating	G20 G30 G40 G60 G90 Z40 Z60 Z80 Z100 Z120 Z150 Z275 Z350
Form	Coil

Spring Steel Coil (2 products)

High carbon and alloy coil for springs blades stamped parts and molds where the section has to spring back under load

1075 C75 Spring Steel Coil

High carbon spring strip for flat springs blades circlips and stamped parts

Property	Value
Product Name	Spring steel coil spring steel strip
Material	1075 C75 C75S CK75 XC75 S75C 1.1248 C75E
Grade	1075 CK75 C75 C75S XC75 1.1248 S75C C75E
Standards	BS EN GB AISI ASTM DIN JIS
Thickness	0.1mm-10mm or customized as required
Width	0-1000m or customized as required
Size	Customized size
Technique	Cold rolled annealed quenched and tempered
Surface	Natural or painted
Place of Origin	China

Spring Steel Coil

Alloy and carbon spring strip for springs clips blades and elastic components

Property	Value
Product Name	Spring steel coil and spring steel strip
Place of Origin	China
Standards	BS EN GB AISI ASTM DIN JIS
Material	1075 CK75 1.1248 SK4 SK5 SK65 9260 SUP6 SUP7 6150 60Si7 60C2 56Si7 1.5026
Grade	1075 CK75 1.1248 SK4 SK5 SK65 9260 SUP6 SUP7 6150 60Si7 60C2 56Si7 1.5026
Thickness	0-10mm with the 0.1mm-10mm range or customized as required
Width	Customized as required
Size	Customized size
Technique	Cold rolled annealed quenched and tempered
Application	Automotive manufacturing electronic and electrical manufacturing industrial manufacturing

Stainless Steel Coil (1 products)

Corrosion resistant coil and strip in 201 304 and 310 with the mill surface finish fixed before cutting or decoiling

Stainless Steel Coil

Corrosion resistant coil and strip for food kitchen chemical and architectural work

Property	Value
Product Name	Stainless steel coil and strip
Place of Origin	China
Standards	BS EN GB AISI ASTM DIN JIS
Material	SS201 SS304 SS316 SS430 SS410 SS420
Grade	201 304 310 316 430 409 410 420
Thickness	0-100mm with the 0.1mm-100mm range or customized as required
Width	From 1500mm or customized as required
Size	1000*2000mm 1220*2440mm or customized size
Technique	Solid
Surface	NO.1 2B BA Embossed HL 8K

Zn-Al-Mg Steel Coil (1 products)

The zinc aluminum magnesium coated line inside the steel coil range for outdoor structures that outlive a plain zinc coating

Zn-Al-Mg Steel Coil

ZAM coated coil with a self-healing cut edge and less coating weight per year of life

Property	Value
Product Name	Zn-Al-Mg Steel Coil
Also Known As	AZM coating steel coil zinc aluminum magnesium steel coil aluminum zinc magnesium steel coil
Standards	BS EN GB AiSi ASTM DIN JIS
Material	Q195 Q215 Q235B Q345B S235JR S355JR SS400 SS490 SM400 SM490 G350 G550
Base Grades	G250 G350 G450 G550 A36 SS400 S275jr S235
Coating Mass	G20 G30 G40 G60 G90 Z40 Z60 Z80 Z100 Z120 Z150 Z275 Z350
Coating Composition	Zinc with aluminum magnesium and a small amount of silicon
Thickness	0.1mm-300mm or customized as required
Width	1500mm-2000m or customized as required
Paintability	Similar to galvalume steel coil

Ordering and Certification

All material ships with a mill test certificate against the ordered grade. Cutting, bending, welding, decoiling and punching are available where the product page states them. Send your cutting list with the enquiry so the quotation covers the finished panel rather than the plate.

WhatsApp +86 199 6352 2611 · dinah@tianyumetal.com