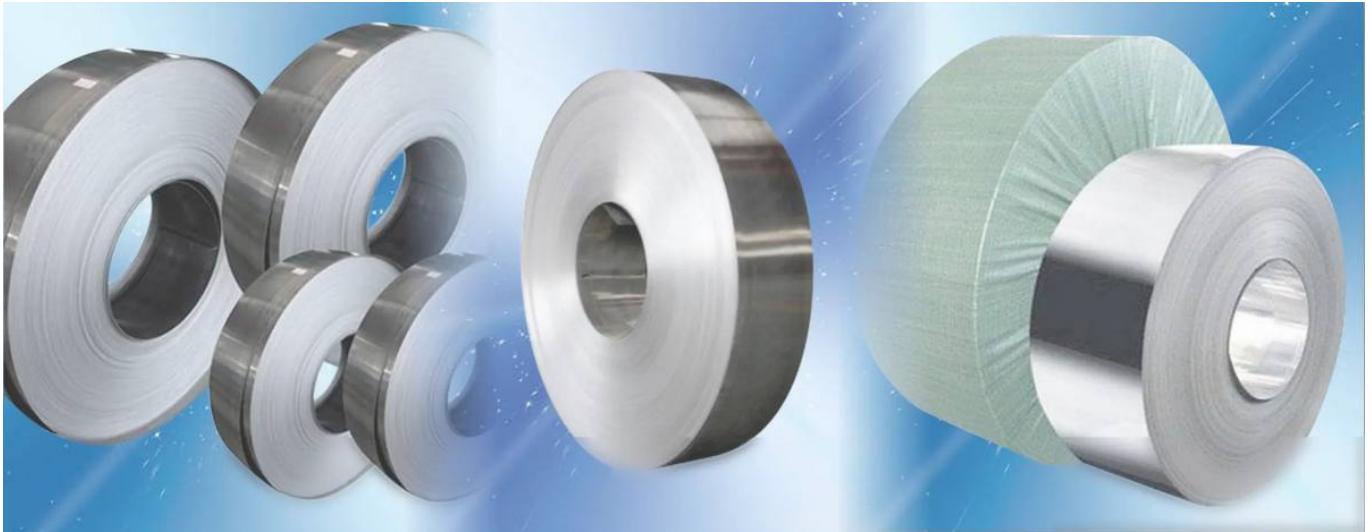


Precision Steel Strip Product Catalog

Ultra thin stainless steel foil and coil, cold rolled steel foil and coil and chrome plated steel coil produced at the Yongxin plant in Wuxi Jiangsu China.



Company Profile

Yongxin Precision Material (Wuxi) Co., Ltd. was founded in March 2000 and is wholly invested by Yongxin International Holdings Ltd., which was listed on the Singapore Exchange on 31 July 2007 under stock code YXIH. The 30,000 square metre plant in Wuxi, two hours by road from Shanghai, has a total annual output of over 25,000 tonnes of cold rolled and stainless steel strip.

Plant Equipment

4-Hi 650 mm reversing cold rolling mill imported from COSMEC Italy. 20-Hi 650 mm Sendzimir cold rolling mill imported from the USA. Stretch bending leveller imported from Burghardt and Schmidt Germany. 4-Hi and 6-Hi 650 mm cold rolling mills of other brands. Temper rolling mill, slitting lines, horizontal continuous annealing furnace, bell type annealing furnace, degreasing line, chrome plating line, tensile and bending levelling machine and testing instruments for quality control.

Certifications

ISO 9001 quality management system. ISO 14001 environmental management system. Energy Management System Certification Certificate. Jiangsu Province Specialized, Refined, Unique and Innovative Small and Medium-sized Enterprises Certificate. High-Tech Enterprise Certificate.

Applications

Products are widely used in IT, high power battery, automotive parts, medical equipment, textile products and semiconductor industries. Strip is produced in both soft and hard condition with high precision surface, big coil weight and qualified physical properties.

Super Thin Stainless Steel Strip 0.05 to 1.0 mm

SUS304 SUS301 316L and SUS430 rolled from 0.05 mm in soft and hard temper



Specification

Product Name	Super thin stainless strips (0.05 mm to 1.0 mm)
Grade	SUS304, SUS301, 316L, SUS430 or other grade specified by the customer
Thickness	0.05 mm to 1.0 mm
Width	10 mm to 610 mm
Temper	ANN, 1/4H, 1/2H, 3/4H, FH, EH
Finish and Roughness	Per customer requirement
Standards	GB, DIN, BS, JIS, ASTM
Production Time	15 days or more depending on quantity and specification
MOQ	1000 kg
Packing	Per customer requirement

Materials

Austenitic grades SUS304 and 316L are supplied where corrosion resistance and formability matter, SUS301 where work hardening and spring behaviour are wanted and ferritic SUS430 where magnetic behaviour and cost are the driver. All specifications can be adjusted to the customer requirement, so state your grade and we will confirm it against the cross reference table.

Manufacturing Process

Certified feedstock is checked against the mill certificate • Cold rolling on 4-Hi 650 mm COSMEC and 20-Hi 650 mm Sendzimir mills • Annealing in the horizontal continuous furnace or bell type furnace • Degreasing to remove rolling oil • Temper rolling and stretch bending levelling to set hardness and flatness • Slitting to ordered width and edge condition • Laboratory release on chemistry, hardness, tensile and surface • Wrapping, strapping, marking and export packing

Notes

All specifications can be adjusted per the customer requirement. Please contact sales and state your specification. Standards GB, DIN, BS, JIS and ASTM.

Cold Rolled Steel Strip 0.035 to 0.8 mm

SPCC SPCD and SPCE rolled from 0.035 mm for stamping drawing and converting



Specification

Product Name	Cold Rolled Steel Coil (0.035 mm to 0.8 mm)
Grade	SPCC, SPCD, SPCE or other grade specified by the customer
Thickness	0.035 mm to 0.8 mm
Width	50 mm to 520 mm
Finish and Roughness	Per customer requirement
Standards	GB, DIN, BS, JIS, ASTM
Production Time	15 days or more depending on quantity and specification
MOQ	1000 kg
Packing	Per customer requirement

Materials

SPCC is the general commercial quality grade, SPCD adds drawing quality elongation and SPCE is the deep drawing grade. The cold rolled grade comparison table maps these JIS designations onto Q/BQB, EN 10130, DIN 1623, ASTM A1008, GB/T 5213 and ISO 3574 so a European or American drawing can be quoted without ambiguity.

Manufacturing Process

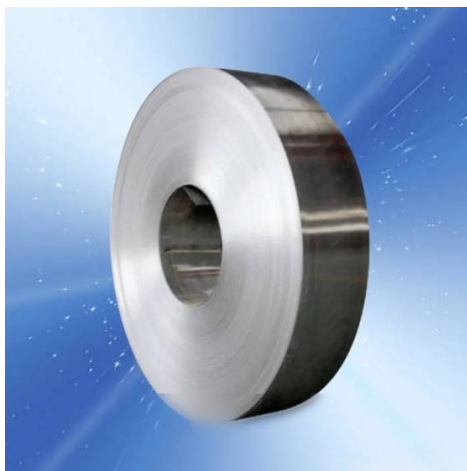
Feedstock checked against the mill certificate • Cold rolling on 4-Hi and 6-Hi 650 mm mills to the ordered gauge • Annealing in the horizontal continuous or bell type furnace • Degreasing to remove rolling oil • Temper rolling and stretch bending levelling • Slitting to ordered width and edge condition • Laboratory release on chemistry, hardness, tensile and surface • Wrapping, strapping, marking and export packing

Notes

All specifications can be adjusted per the customer requirement. Please contact sales and state your specification. Standards GB, DIN, BS, JIS and ASTM.

Chrome Plated Steel Strip 0.1 to 0.15 mm

A plated bright surface on a precision cold rolled carbon steel base



Specification

Product Name	Chrome Plated Steel Coil (0.1 mm to 0.15 mm)
Base Grade	SPCC, SPCD, SPCE or other grade specified by the customer
Thickness	0.1 mm to 0.15 mm
Width	405 mm to 515 mm
Finish and Roughness	Per customer requirement
Standards	GB, DIN, BS, JIS, ASTM
Production Time	15 days or more depending on quantity and specification
MOQ	1000 kg
Packing	Per customer requirement

Materials

The base is precision cold rolled carbon steel strip in SPCC, SPCD or SPCE. Choose the base grade by how the plated strip will be formed. SPCC suits flat and lightly formed parts, SPCD and SPCE are used where the plated strip has to be drawn.

Manufacturing Process

Cold rolling of the carbon steel base to the ordered gauge • Annealing and degreasing • Temper rolling and levelling so the base is flat before plating • Chrome plating on the in house plating line • Inspection of coating appearance and base condition • Slitting to the ordered width • Laboratory release and dimensional check • Wrapping, strapping, marking and export packing

Notes

All specifications can be adjusted per the customer requirement. Please contact sales and state your specification. Standards GB, DIN, BS, JIS and ASTM.