

Company Information

ChongQing Youngson Metal Products CO.,LTD was founded in 2016, specializing in tinplate & TFS (lithography, coil coating & laminated PET/PP film),pre-painted steel,mild carbon steel, stainless steel in China.

Right now, Yonson has her own process factory with 25 experienced-work staff . we have had our own coating line & precise slitting machines.our coating are mainly focused on the ECO-friendly grade & food grade.Her annual processed quantity is over 10000tons.

The quality system BV ISO9001:2015 is available .

Our Products are as follow:

- I. Commercial grade tinplate & TFS (lithography, coil coating & laminated PET film);
- II. Deep drawn grade tinplate & TFS (lithography, coil coating & laminated PET film);
- III.Commercial grade Pre-painted steel & Pre-painted stainless steel
- IV.Deep drawn Pre-painted steel
- V.stainless steel (201/301/304/305/306/310S/316L/409/430/441etc.)
- VI.Mild carbon steel(cold rolled steel,electrogalvanized steel,aluminized steel,galvanized steel,copper plated steel,brass & copper clad steel)

-----Products-----

◆ Commercial Tinplate & ECCS

◆ Deep Drawn Tinplate & ECCS

Coil & Sheet & Strip

Process:(printed, lithography, laminated with PET film)

Thickness : 0.11mm to 0.80mm;

Width:4mm to 1050mm;

Hardness : T1,T2,T3,T4,T5,DR8,DR9;

Tin coating : 1.1/1.1,2.8/2.8,1.1/2.8, 2.8/5.6, 5.6/5.6,2.8/11.2;

Shape : coils/sheets/strips

Colors : as per customers' requirements (up to 6colors) ;

Application : package(food/industry/beverage cans&bodty, accessories),stationery,
home application,bakewares,cooker, auto parts,electronic & computer industry etc.

- Plain tinplate &ECCS



- commercial & deep drawn PET film laminated

Base steel: Cold Roll Steel, Tinplate, Tin Free Steel & Aluminum

Thickness : 0.12mm To 0.8mm

Width : max 1000mm

Film Material :PET film,Laser Film ,3D laser film Etc.

Film Color :

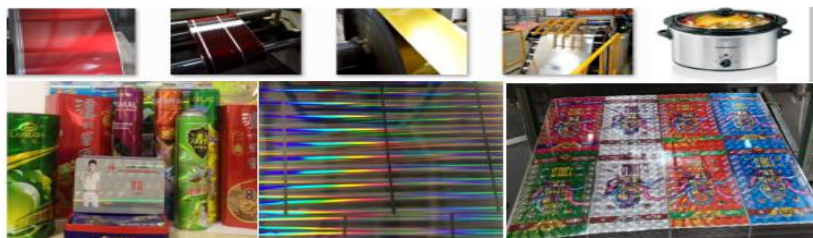
Single Color : Gold, Red, Lacquered, Brass, Black,Yellow , White,Transparent Etc ;

Multiple Colors: max 8colors;

(protection film can be laminated on the color layer again.)

Characters: Food grade &chemical grade

Application : food cans, aerosol cans, cooker , paint drum, easy-open lids etc.



- Lithography & print

Base steel: Tinplate, Tin Free Steel

Thickness : 0.12mm To 0.55mm

Width : max 1050mm

Colors: max 6 colors which are AUTOMATICALLY modified ;

Characters: Food grade & chemical grade ;

Application : food cans, aerosol cans, ink oil cans , beverage cans, cooker , paint drum, twist-off caps, crown caps, etc.



- Commercial & deep drawn Coil Coating (Teflon/nonstick/gold/lacquered)

Base steel: Cold Roll Steel, Tinplate, Tin Free Steel & Aluminum, Stainless steel, Aluminize steel, galvanized steel etc.

Process grade: commercial grade, deep drawn grade

Thickness : 0.15mm To 0.8mm

Width : max 1150mm

Color (Single Color) : gold, brass, lacquered, black, white, red, grey, , Transparent Etc ;

Characters: Food grade & chemical grade

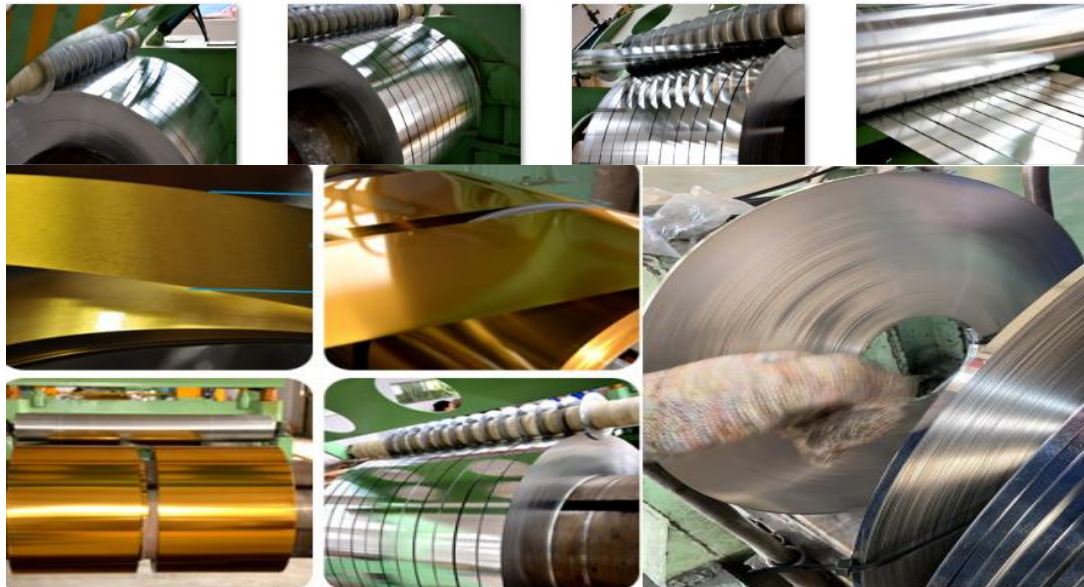
Application :

1) cooker : NON-STICK coil coating;

- 2) Ring pull rings ;
- 3) Aerosol valves & bearing seals etc.
- 4) Electricity devices such as Cameras etc.



● Slitting



◆ Commercial grade Pre-painted Steel

◆ Deep drawn grade pre-painted Steel (including power color coated steel)

Base Metal:

- 1)Galvanized /Galvalume Steel;
- 2)Zn-AL-Mg coated Steel(ZAM steel);
- 3)Aluminized Steel;
- 4)construction steel :S300GD,S350GD,S550GD;
- 5)pure aluminum:1060,3030
- 6)Electrogalvanized steel:SECC
- 7)stainless steel
- 8)Aluminum

Coating Types PE,HDP,PVDF,SMP,

Thickness:0.11-0.8 mm

Width:6.0mm to 1500mm

Colors:

- 1)single color :all RAL color codes;
- 2)Tread plate;
- 3)writing board;
- 4)Marble stone;
- 5)wood board;
- 6)Brick board;

7)Textured board;

8)Camouflage board;

9)Embossed plate,

10)powder coating;

Painting Thickness:

(μm) top paint : 20-35mic(powder coating up to 120mic);

back paint: 5-25 mic

T bend: < 3T

Pencil hardness: $\geq 3H$

Glossy: 30-90 (matte :5-15GU)

Package export: seaworthy package

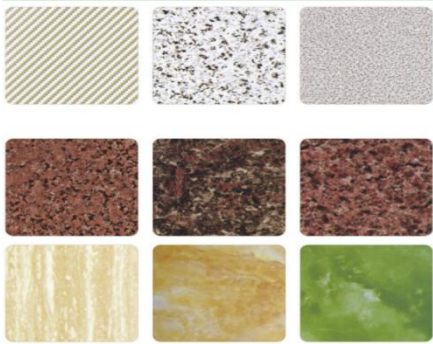
Coil ID:200/300/400/500MM

Coil weight:1-8tons

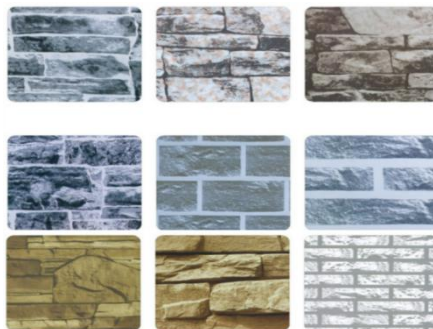
Tread plate series:



Marble stone board



Brick board series



Camouflage board series

Write board series



Wood board series



Textured board series



Embossed plate series



Application



◆ PVC or PET Laminated film Color Coated Steel Coil & Sheet & Strip

Thickness: 0.14 to 2.0mm

Width: 4mm to 1360mm

Base metal:

Cold Rolled Steel

Galvanized Steel

ZAM steel

Galvalume Steel

Stainless Steel

Aluminum Coil

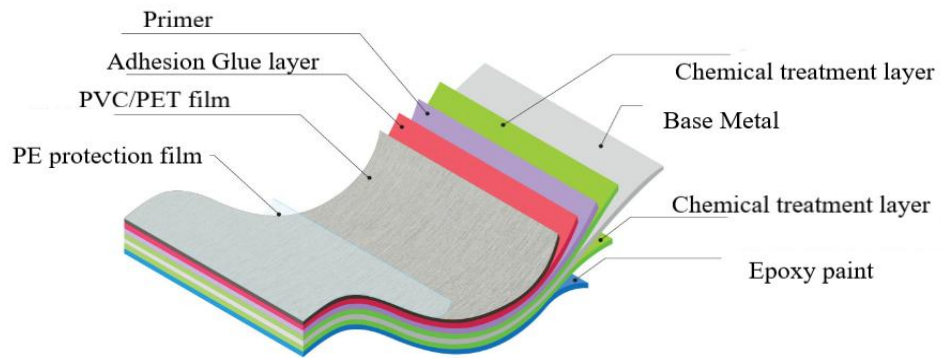
Film thickness:

over 0.012mm: PET film

0.04 to 1800mm: PVC film

over 0.04mm : PVC+PET colaminated Film;

Production procedure:



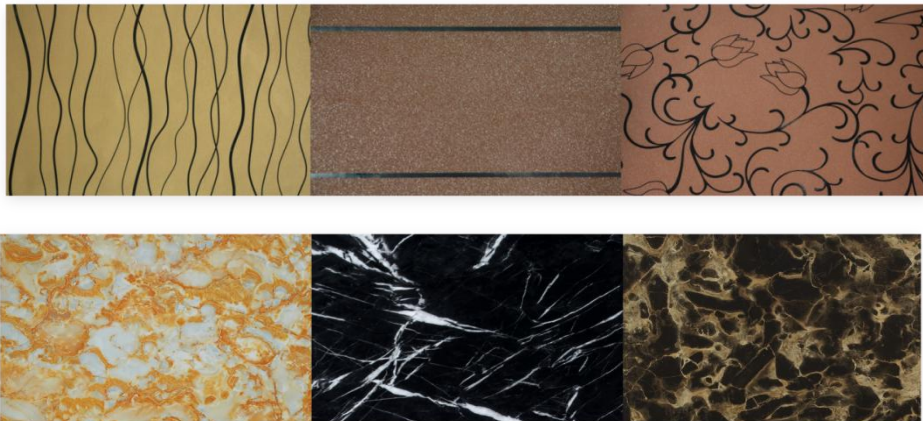
Adhesion:



Colors

- A.metallic texture pattern;
- B.wire drawing effect or hairline effect or satin effect;
- C.leather grain pattern;
- D.wooden effect;
- E.marble effect;
- F. with multi colors ;
- H.camouflage pattern;
- I.ice pattern;
- J.sheepskin pattern;
- L.orange peel pattern;
- M.monochrome etc.





Characteristic:

Basic parameters: VCM PVC laminating sheet

Water resistant: Boiled in boiling water for 1 h, the surface has no obvious wrinkles, separation, peeling and other undesirable phenomena, the adhesion of the film after boiling is still good.

Corrosion resistance: After the sample was sealed and immersed in 10% HCL and 10% NaOH solution for 72 h, the surface did not change significantly.

High temperature resistance: After being placed in an oven at 120 ° C for 5 minutes, it was within E1.0, and there was no obvious yellow phenomenon.

Low temperature resistance: The sample was stored at -20 ° C for 1 h, and immediately taken out to make a T-bend OT, the surface of the test piece did not change significantly.

Pollution resistance / ECO-friendly (including PET) :

The sample was painted with an aqueous marker, and after being placed in an oven at 70 ° C for 10 minutes, there was no obvious mark after wiping the surface with a dry rag.

Resistance to fading: The 90W ultraviolet lamp was irradiated for 300h at a distance of 300mm, and there was no significant change in the surface before and after the test.

Fire prevention (including PVC): B1 or B2 as film thickness & requirements

Application:

A. Home appliances

Such as refrigerator door panel, washing machine panel, air conditioning panel, water heater housing,

microwave oven panel, disinfection cabinet, TV front frame and back panel, etc.;

B. Decorative board/Sheet

Such as metal ceiling, furniture, wine cabinet, cabinet, sliding door panel, purification system

Decoration fields such as walls and elevators etc.

C. Antibacterial panel;

D. Fireproof board or fire door panel;

E. Ship cabin decorative panel;

F. For mushroom houses or other extremely humid environments;

G. Acid and alkali resistant environments, etc.

◆ Cold Rolled Steel

Thickness : 0.05mm to 3.5mm

Width: 1.0mm to 1850mm

Grade : DC01/DC06/DC07/SPCEN/DDS/EDDS

DC01-390,DC01-490,DC01-590,DC01-690,

HC160Y,HC180Y,HC180B,HC220Y,HC220B,HC260Y,

HC260B,HC260LA,HC300Y,HC300B,

HC300LA,HC340B,HC340LA,HC380LA,

HC420LA,HC460LA,HC500LA,

HSLAS(high strength low alloy steel)

DP Steel(double phase steel)

HC250/450DP,HC300/500DP,HC340/590DP,B340/590DP,

HC420/780DP,HC500/780DP,HC550/980DP,HC650/980DP,

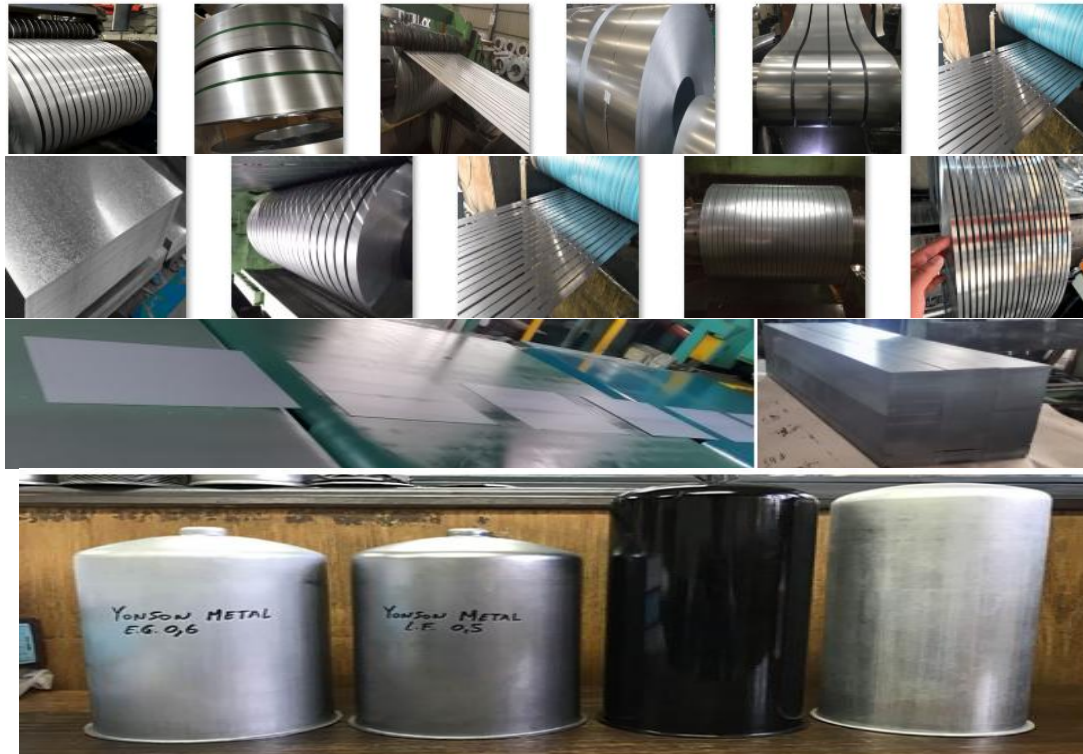
HC740/1180DP,HC820/1180DP,HC700/980DP,

HC380/590TR,HC400/690TR,HC420/780TR,

HC570/780CP,HC780/980CP,

HD660/760CP,HC600/980QP,HC600/980QP-ELD,

HC820/1180QP,HC820/1180QP-ELD,



◆ Electro Galvanized Steel

Grade : SECC/SECD/SECE/DC01+ZE/DC05+ZE/DC07+ZE

Thickness : 0.15mm to 2.5mm

Width : max1800mm,

Zinc coating : 10/10,20/20,25/25 etc.

Surface:phosphate,oil,anti-finger;

Application : home appliance,electronic &computer industry,auto parts etc.





◆ Aluminumized Steel

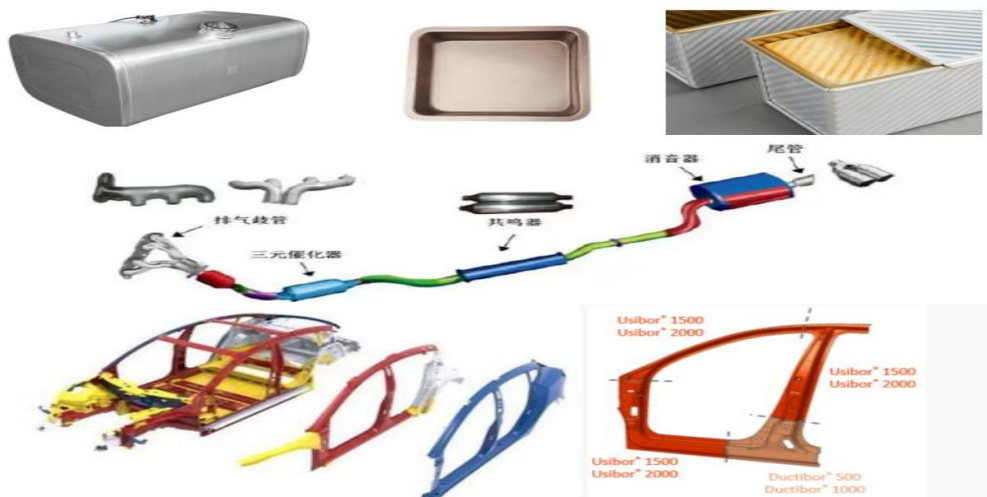
Grade :DX51D+AS(C.Q.),DX53D+AS (D.Q.),SA1D,SA1C,
S250GD+AS,S280GD+AS,S320GD+AS,S350GD+AS,
Usibor1500,22MnB5,Usibor2000,Ductibor450,
Ductibor500,Ductibor1000,
HR950/1300HS,HR1000/1500HS,
CR950/1300HS,CR1000/1500HS,CR370/500HS+AS,
CR780/1000HS+AS,CR950/1300HS+AS,
CR1000/1500HS+AS,HR1200/1800HS,CR1200/1800HS,
CR1200/1800HS+AS,

Thickness : 0.4 to 2.5mm

Width: max 1525mm

Aluminum coating:AS80/AS120/AS200/AS300 etc.

Application : home appliance, auto parts (exhaust pipe) ,bake pans, B pillar etc.



◆ Galvanized & Galvalume

◆ (+ZM) Steel

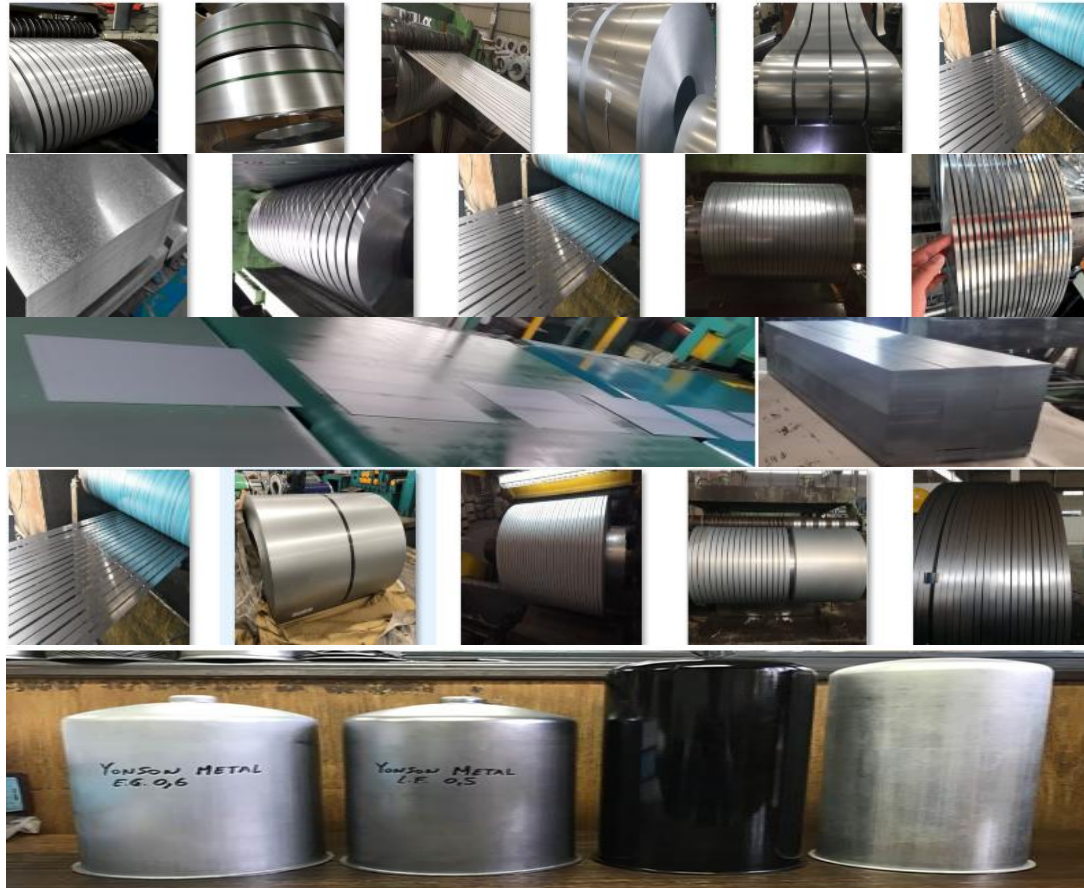
Grade:DX51D,DX53D,DX56D,DX57D ,DC54D,DC56D,DC57D& HSLAS steel
HC160YD,HC180YD,HC180BD,HC220YD,HC220BD,HC260YD,
HC260BD,HC260LAD,HC300YD,HC300BD,
HC300LAD,HC340BD,HC340LAD,HC380LAD,
HC420LAD,HC460LAD,HC500LAD,
HSLAS(high strength low alloy steel)
DP Steel(double phase steel)

HC250/450DPD,HC300/500DPD,HC340/590DPD,B340/590DPD,
HC420/780DPD,HC500/780DPD,HC550/980DPD,HC650/980DPD,
HC740/1180DPD,HC820/1180DPD,HC700/980DPD,
HC380/590TRD,HC400/690TRD,HC420/780TRD,
HC570/780CPD,HC780/980CPD,
HD660/760CPD,HC600/980QPD+Z,HC600/980QP-ELD+Z,
HC820/1180QPD+Z,HC820/1180QP-ELD+Z,

Thickness : 0.15 to 5.0mm

Width : max 2050mm;

Application : stamping parts ,furniture, home appliance, auto parts,electronic industry etc;



◆ Stainless Steel Coil/Sheet

Grade :201/301/304/305/306/310S/316L/316TI/409/430/441/444 etc

Surface : 2B,BA ,HL,etc

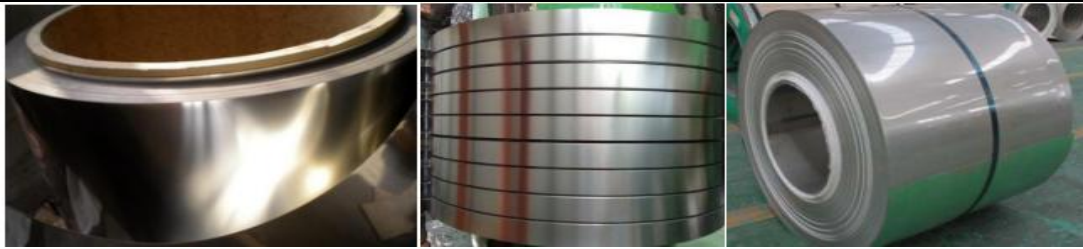
Process: Satin finish/Mirror finish etc.

Laminated film process

Thickness : 0.005 to 2.0mm

Width : 1.0mm to 1500mm

Length : as customers' requirements.



◆ Copper Plated Steel

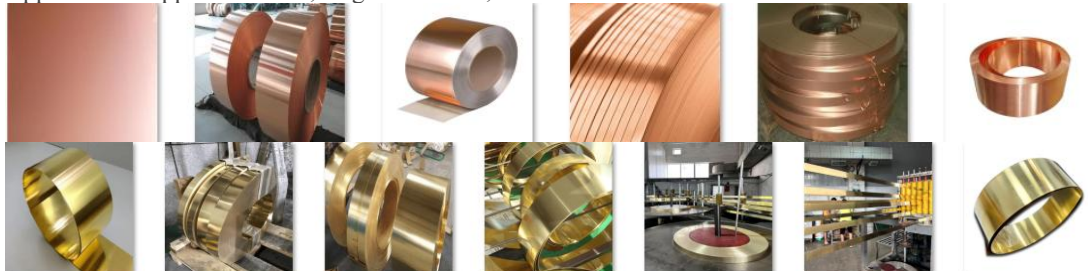
Base metal: Cold rolled steel (SPCC, SPCC, SPCE, DC01, DC03, DC04, DC06)

Stainless steel (304, 201, 301 etc.)

Thickness : 0.1 to 2.0mm

Width : as per customers requirements;

Application : copper steel tube, single steel tube, double steel tube etc.



◆ Brass Clad Steel & Copper Clad Steel

Base metal: Cold rolled steel (DC06)

Clad : Brass /Copper

Weight rate for CU/FE: 3.4% to 20%;

Elongation : 45% to 52%;

Thickness : 0.1 to 2.0mm

Width : as per customers requirements;

Application: hardware ,kitchenware, ammunition





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