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UP GROUP

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联强集团
UP GROUP

UPG CONSUMABLE

PRINTING BLANKETS, CTP PLATE,
FLEXO PLATE, PRINTING INKS.....

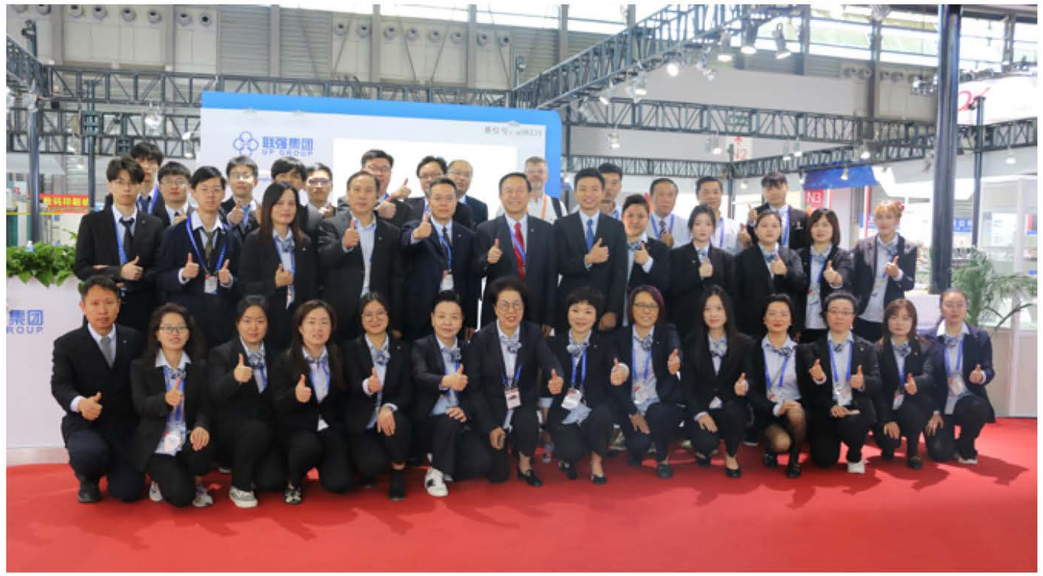
COMPANY PROFILE

UP Group was founded in August 2001 which has become one of the most famous groups in manufacturing and supplying the Printing, Packaging, Plastic, Food processing, Converting machinery and related consumables etc. In local and international market, its products are very popular in China and also have been exported to more than 100 countries for years.

UP Group's values are Sincerity, Efficiency, Profession, Pragmatism, Innovation, Valuation.

UP Group's vision is to be a brand supplier to provide professional for customers in printing, packaging and plastic industries. Besides the 18 members of group, UP Group also has established the long terms strategy collaborations with more than 20 associated factories.

UP Group's mission is Focusing on the profession, Upgrading the expertise, Satisfying the customers, Building the future.We will spare no efforts to build UP Group into an integrated international printing and packaging machinery manufacturing base.



EXPORT MARKETS

In Southeast Asia

Its products cover Thailand, Indonesia, Singapore, Malaysia, Brunei, the Philippines, Japan, Korea, Vietnam, Cambodia, India, Sri Lanka, Nepal, Dubai, Kuwait, Saudi, Syria, Lebanon, Maldives, Bahrain, Jordan, Sudan, Mongolia, Myanmar, Pakistan, Iran, Turkey and Bangladesh.

In European

Its products cover Britain, France, Germany, Italy, Holland, Spain, Portugal, Georgians, Slovakia, Finland, Poland,the Czech Republic, Russia, Ukraine, Belarus, Kazakhstan, Uzbekistan, Sweden, Bosnia, Herzegovina and Albania

In Africa

Its products cover South Africa, Kenya, Ethiopia, Egypt, Morocco, Algeria, Tunisia, Madagascar, Mauritius, Nigeria, Ivory Coast, Ghana, Mali, Liberia and Cameroon.

In America

Its products cover The United States, Canada, Mexico, Panama, Costa Rica, Brazil, Argentina, Columbia,
Bolivia, Uruguay, Paraguay, Chile, Peru, Ecuador and Honduras.
Among these regions, we have more than 46 stable distributors and partners for many years.

SUPERIORITY

- A famous brand enterprise which has been trusted by industry and customers for 20 years.
- High efficiency, rich experience, stable and professional team work.
- Customizing suitable and satisfactory production lines and solutions for various customers.
- Continuously developing new products to meet the demand of marker.
- On-line platforms san worldwide echibitions are easy for customers to reach us in different way.

CTP-SL Thermal CTP Plate



The CTP-SL Thermal CTP Plates are highly sensitive, making them an ideal choice for customers who require efficient publishing without compromising quality.

SPECIFICATIONS

Spectral Sensitivity	800-830nm
Exposure Energy	100~130 mj/cm²
Resolution	200 lpi (1~99%)
Run-Length	50,000~100,000 (UV-Ink) 100,000,~200,000 (Conventional Ink)

*Run-Length varies with its printing conditions and imaging content

CTP-G Thermal CTP Plate



The CTP-G is very versatile for packaging and commercial printing, and compatible with major developers in the market.

SPECIFICATIONS

Spectral Sensitivity	800-830nm
Exposure Energy	100~130 mj/cm²
Resolution	200 lpi (1~99%)
Run-Length	50,000~100,000 (UV-Ink) 100,000,~200,000 (Conventional Ink)

*Run-Length varies with its printing conditions and imaging content

UV-CTP-SII Positive UV-CTP Plate



UV-CTP-SII is dedicated to high Level customers who are using UV-CTP plates. It has high sensitivity, more run lengths, and can working with the UV ink printing.

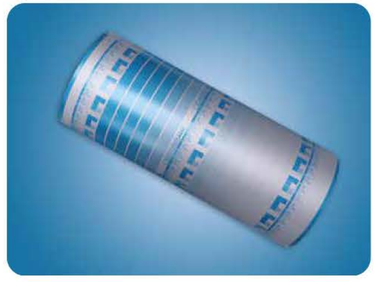
SPECIFICATION

Spectral Sensitivity	400-410nm
Exposure Energy	40~50 mj/cm²
Resolution	200 lpi (2~98%)
Developing Time	20~30 seconds (Solution: Water=I:4,23±2°C)
Run-Length	50,000~100,000 (UV-Ink) 100,000,~200,000 (Conventional Ink, Unbaked)

*Run-Length varies with its printing conditions and imaging content

UV-CTP Positive UV-CTP Plate

After a series of upgrading, UV-CTP positive UV-CTP plate has realized the traits of consistency, high sensitivity, accurate lattice point and long run-length, which meet the requirements from various plate-set ters and customers.



SPECIFICATION

Color	Green
Spectral Sensitivity	400-410nm
Exposure Energy	50~60 mj/cm²
Resolution	200 lpi (2~98%)
Safelight	Yellow Light
Developing Time:	20~30 seconds (Solution: Water=I:4, 23±2°C)
Run-Length	50,000~100,000 (Unbaked)

*Run-Length varies with its printing conditions and imaging content

Positive PS Plate



With its features of stable performance, high sensitivity, wide developing tolerance and long run-length, positive PS Plates has been in good grace of customers it's launched.

SPECIFICATION

Spectral Sensitivity	320~450nm
Exposure Duration	30 Secondsap prox 20 pulses (3kw Iodine-Gallium Lamp, from 1m, UGRA PCW82 control strip the third section un-Inking) *Duration varies with its printingconditions and materials.
Resolution	200 lpi (2~98%)
Safelight	Yellow Light
Developing Time	20~30 seconds (Solution: Water=I:7, 23±2 °C)
Run-Length	50,000~100,000 (Unbaked) 100,000,~200,000 (baked)

*Run-Length varies with its printing conditions and imaging content

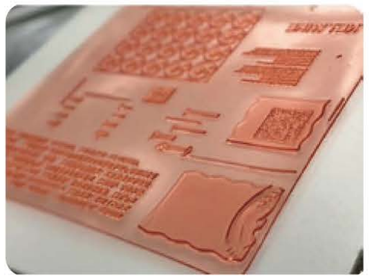
LQ-M Analog Flexo Plates



FEATURES

- Excellent plate making and printing tolerance without the need for masking
- Quick plate wash
- Any thickness product has high-quality image fidelity and excellent image dot reproduction
- Maintain excellent and uniform printing performance at any printing speed, without cup shaped dots
- Under the impact of printing machinery, it can still maintain good mechanical properties and excellent printing resistance
- Good matching and inking performance with water-based ink and alcohol

LQ-GM Analog Flexo Plates



FEATURES

- No cupping allows for uniform Impression at all process speeds
- High resilience and good resistance towards mechanical impacts deliver excellent durability
- Excellent ink transfer using water and alcohol-based inks
- Suitable for labels, tags, flexible packaging, sacks, folding carton, films and so on

LQ-DGT Digital Flexo Plates

FEATURES

- Superior printing quality with sharper images, more open intermediate depths, finer highlight dots and less dot gain, i.e. larger range of tonal values therefore improved contrast and produce flat top dots when adequate process equipment are used
- High resillence and good resistance towards mechanical Impacts deliver excellent durability
- Increased productivity and data transfer without loss of quality due to digital work flow
- Excellent ink transfer using water and alcohol-based inks
- Cost effective and more environmentally friendly in processing, as no film Is required



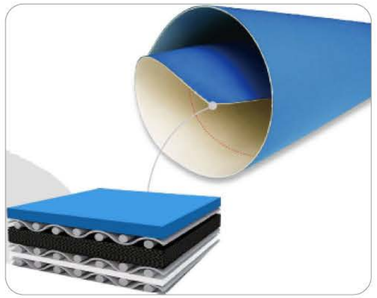
LQ-DG Digital Flexo Plates



FEATURES

- A softer digital plate than LQ-DGL, which is suitable for label and tags, folding cartons, and sacks, paper, multiwall printing
- Increased productivity and data transfer without loss of quality due to digital workflow
- Consistency in quality when repeating plate processing
- Cost effective and more environmentally friendly in processing, as no film is required
- Excellent ink transfer using water and alcohol-based inks
- Suitable for labels, tags, flexible packaging, sacks, folding carton, films and so on

LQ 1050



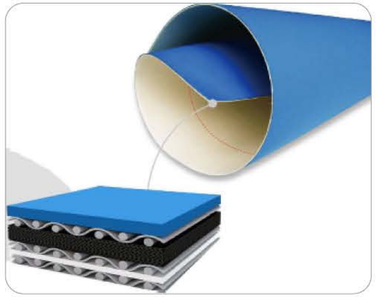
FEATURES

• LQ 1050 is designed for sheetfed offset press with a production speed ranging from 8K-10K sheets per hour.
• High solvent resistance and smooth surface finish ensure high quality reproduction across a wide range of substrates .
• Thicker compressible layer ensure uniform print pressure in awide range of press configurations and across all format sizes.

SPECIFICATIONS

Colour	Blue
Rubber Surface	Buffed
Hardness	78°Shore A
Roughness (Ra)	1.0μm
Thickness	1.96mm
Flatness	≤ 0.02mm
Elongation (at 500N/5cm)	<0.9%
Tensile Strength	>70N/mm
Compressibility (at 200N/cm²)	0.20mm

LQ 1090



FEATURES

• LQ 1090 High speed type blanket has beem specifically developed for sheetfed offset press with a production rate of 12K sheets per hour.
• Surface rubber resists cutting and edge marking to provide long blanket life.
• Good smash recovery from paper and board damage further enhances this product's value-for-money status.

SPECIFICATIONS

Colour	Blue
Rubber Surface	Buffed
Hardness	78°Shore A
Roughness (Ra)	1.0μm
Thickness	1.96mm
Flatness	≤0.02mm
Elongation (at 500N/5cm)	<0.7%
Tensile Strength	>70N/mm
Compressibility (at 200N/cm²)	0.20mm

LQ-NL627 Butyl-Plaslic Pot & Container Printing



FEATURES

• Traditional soft butyl surface designed for use with modern UV curinginks and cleaning solutions.
• High quality and durable, provides extra robustness.
• Soft surface can enhance ink transfer on difficult materials and profiles.
• Specially designed for ketone and UV curing inks.
• High quality and durable, provides extra robustness.

SPECIFICATIONS

Colour	Black
Face compound	Butyl
Surface finish	Smooth Cast
Thickness	1.96mm
Microhardness	80°
Ink compatibility	UV and IR curing plastic container pringting inks

LQ 801UV



FEATURES

• LQ 801 UV type blanket is specifically designed for high-speed UV sheetfed offset presses with a minimum operating speed of 12000 sheets per hour.
• Reduced swelling and embossing with UV inks.
• Optimum ink lay-down for great solids and sharp halftones.
• Greater resistance to smashes and on-press damage.

SPECIFICATION

Color	Red
Rubber Surface	Buffed
Hardness	76°Shore A
Roughness (Ra)	1.2μm
Thickness	1.96mm
Flatness	≤0.02mm
Elongation (at 500N/5cm)	≤0.7%
Tensile Strength	>70N/mm
Compressibility (at 200N/cm²)	0.20mm





Model	BOPP(Gloss & Matt)	PET(Gloss)	Holographic Metalized(Gloss)
Material	BOPP+EVA	PET+EVA	PET or BOPP Laser Film +EVA
Thickness	16-35 Micron	16-30 Micron	28/30 Micron
Width	100-2240mm	100-2240mm	100-1880mm
Length	300-5000m/Roll	300-5000m/Roll	300-3000m/Roll
Paper Core	1 Inch/3 Inch	1 Inch/3 Inch	1 Inch/3 Inch
Advantages	Simple operation; High efficiency; High energy saving; Excellent performance; Environmental safety	High mechanical strength; Good heat resistance; good gas barrier and odor barrier; Oil resistance; High transparency	Widely used on colored packaging boxes; After Laminating, it will have the ultimate effect; Anti counterfeiting hologram




Model	Metalized PET (Gloss)	Digital(Gloss & Matt)
Material	PET Metalized Film +EVA	BOPP +EVA
Thickness	20/22/24 Micron	28/30 Micron
Width	100-1880mm	100-1880mm
Length	300-3000m/Roll	300-3000m/Roll
Paper Core	1 Inch/3 Inch	1 Inch/3 Inch
Advantages	Significantly reduced the amount of aluminum; Saving energy and materials, reducing costs; Excellent folding resistance; Can eliminate the static electricity effects, composite and other processing has good adaptability	High adhesion strength; Can fully solve the problem of machine printing film; The perfect solution to laminating by the heavy-silicone digital printer; All digital printing methods; Remote printing can be achieved, and variable information printing




Model	Soft Touch	Brushed
Material	BOPP Soft Touch Film +EVA	CPP +EVA
Thickness	28/30 Micron	80-85 Micron
Width	100-1880mm	100-1780mm
Length	300-3000m/Roll	200-1400m/Roll
Paper Core	1 Inch/3 Inch	1 Inch/3 Inch
Advantages	Excellent color, bright and soft color after coating; With special velvet smooth, delicate plush texture ; High haze, and a more special matte effect; After the film covering, delicate touch and unique scrub effect highlight the product quality	Brushed texture feel; With a sparkling visual effect and high color transmittance; Suitable for offset printing, gravure printing, silk screen printing, special printing, hot stamping and other processing methods




Model	Starlight Frosted	Anti-scratch(Gloss & Matt)
Material	CPP +EVA	BOPP Anti-scratch Film +EVA
Thickness	80-85 Micron	28/30 Micron
Width	100-1780mm	100-1880mm
Length	200-1400m/Roll	300-3000m/Roll
Paper Core	1 Inch/3 Inch	1 Inch/3 Inch
Advantages	Strong frosted particle feel; With a sparkling visual effect and high color transmittance; Suitable for offset printing, gravure printing, silk screen printing, special printing, hot stamping and other processing methods	Has super wear-resistant and scratch-resistant ability; Suitable for UV local polishing; Suitable hot and cold bronzing; Suitable for UV color printing

LQ-HE/HG Sheet-fed Offset Printing Ink

FEATURES

- Environment protecting
- Anti-skinning performance
- Good water/ink balance
- Rich in printing layer
- Clear and complete in printing dots.
- Quick-drying performance, quick setting, quick turn.



SPECIFICATIONS

Model	LQ-HE				LQ-HG			
Color	Yellow	Magenta	Cyan	Blank	Yellow	Magenta	Cyan	Blank
Tack Value	8-9	8.5-9.5	8.5-9.5	9-10	8-9	8.5-9.5	8.5-9.5	9-10
Fluidity(mm)	39±1	40±1	39±1	38±1	39±1	40±1	39±1	38±1
Gloss	75	65	65	70	85	75	75	80
Paper Drying Time(hr)	< 10	< 10	< 10	< 10	< 8-10	< 8-10	< 8-10	< 8-10
Skinning Time(hr)	> 24	> 24	> 24	> 24	> 30	> 30	> 30	> 30
Suitable For Printing Speed	10000~12000rph				12000~15000rph			

APPLICATION

LQ-HE\HG sheet-fed offset printing ink is developed at the latest European technology system, it is made from polymeric, high-soluble resin, new paste pigment. This product is suitable for printing packaging, advertisement, label, high-quality brochures and decorating products on art paper, coated paper, offset paper, cardboard, etc, especially suitable for medium and high-speed printing.



LQ-HR Sheet-fed Offset Printing Ink

FEATURES

- Printing speed:9000rph-11000rph
- Environment protecting
- Anti-skinning performance
- Good water/ink balance
- Rich in printing layer
- Clear and complete in printing dots.
- Quick-drying performance, quick setting, quick turn.



APPLICATION

LQ-HR sheet-fed offset printing ink is suitable for printing packaging, advertisement, label and decorating products on art paper, coated paper, offset paper, cardboard, etc, especially suitable for single-color and multi-color printing.

LQ-BUTTERFLY King Ink

FEATURES

- Printing speed:15000rph-18000rph
- Anti-skinning performance
- Good water/ink balance
- Rich in printing layer
- Clear and complete in printing dots.
- Quick-drying performance, quick setting, quick turn.
- No need to add any additives, ready for use.



APPLICATION

This product is developed at the latest European technology system, it is made from polymeric, high-soluble resin, new paste pigment. This product is suitable for printing packaging, advertisement, label, high-quality brochures and decorating products on art paper, coated paper, offset paper, cardboard, etc, especially suitable for medium and high-speed printing.

LQ-Hot Melt Adhesive For Book Binding(EVA,PUR)



APPLICATIONS

- Side glue for book binding
- Spine glue for book binding
- Jelly glue for book cover
- Water based adhesive for book binding
- PUR hotmelt adhesives for book binding (Granular)

LQ-Paper Converting Adhesive



APPLICATIONS

- Hot melt adhesive for box sealing(EVA)
- Jelly glue for box sealing
- Water based adhesive for box sealing
- Adhesive for paper board lamination
- Adhesive for envelop and courier bag seaming (Water based adhesive,HM PSA)

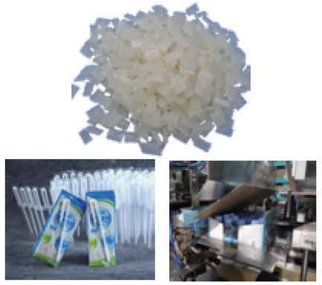
LQ-Paper Bag Making Adhesive



APPLICATIONS

- Glue for side of bag
- Glue for handle ropes
- Glue for bottom of bag
- Glue for paper bag covered with film

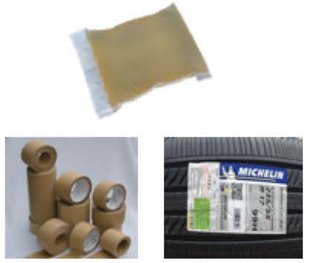
LQ-Food Packaging Adhesive



APPLICATIONS

- Hot melt adhesive for carton closing (EVA,Metallocene)
- Hot melt adhesive for straw attachment
- Toluene free adhesives for food packaging
- Water based adhesive for sealing paper box (Film/Paper,Food Grade)
- Hot melt adhesive for carton sealing
- Hot melt adhesive for water bottle labeling
- Water based sdhesive for oil bottle labeling
- Water nased glue for aluminum foil lamination

LQ-Tape & Label Adhesive



APPLICATIONS

- HM PSA for thermal sensitive paper label
- HM PSA for EMS label
- HM PSA for tire label
- HM PSA for masking tape
- HM PSA for permanent label
- HM PSA for temovable label

LQ-Hygiene Product Adhesive



APPLICATIONS

- Positioning & Construction HM PSA for danitary napkins
- Elastic attachment & Construction HM PSA for diapers
- HM PSA for diaper back sheet lamination
- HM PSA for side tape of diapers
- Wetness strength HM PSA for diaper core consistency

Creasing Matrix PVC Series



FEATURES

- PVC based board
- Product flexibility, easy to repair
- Usually used in paper and corrugated die-cutting indentation
- Die-cutting indentation about 30000-40000 times
- The most complete specifications, good stability, cost-effective commonly used creasing matrix .
- These creasing matrix are suitable for short and medium board products such as paper jam, corrugated packing box and so on.

Creasing Matrix Pressboard-based Series



FEATURES

- Imported high density fiber pressboard material for based
- High hardness, high temperature resistance, wear resistance, easy to repair plate, no delamination
- Die-cutting indentation about 50000-80,000 times, high die-cutting precision and is suitable for long die plate working.
- These creasing matrix are suitable for paper jam, corrugated packaging box and other box products. medicines box, wine box, cosmetics box, toothpaste box and other long plate packaging box.

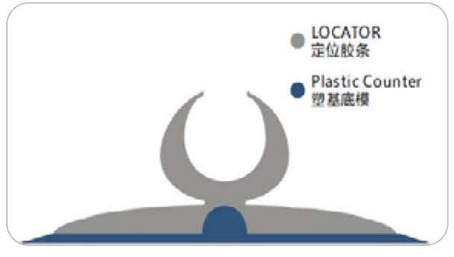
Creasing Matrix Fiber Resin-based



FEATURES

- Resin fibre based material for based.
- High hardness, high temperature resistance, wear resistance, Full indentation Suitable for automatic die-cutting machine, reduce the number of times to change , improve the efficiency of die-cutting, cost saving.
- Die-cutting indentation about 120000-230000 times
- Suitable for processing long version works or large order work.
- These creasing matrix are suitable for paper jam, corrugated packaging box and other box products . eg : medicines box, wine box, cosmetics box , toothpaste box and other long plate packaging box .

Structure Of Reverse Bend Creasing Matrix



FEATURES

- The bottom plate base is PVC material , and the creasing matrix is reversely bent
- Plastic template, when cut from the reverse direction to produce the indentation of the special process
- Perfect solve the die cutting of bell mouth problem .
- Simple operation, and the effect is remarkable.

Arched Rubber Strip



SPECIFICATIONS

H(mm)	W(mm)	L(mm)	Hardness
7.3	8	700/1000	70°A
7.3/8	5	700/1000	70°A

Special-shaped Anti-back Pressure Rubber Strip



SPECIFICATIONS

H(mm)	W(mm)	L(mm)	Hardness
7	4	700	65°A
7	4	700	75°A
7	4	700	95°A

Air Permeable Sponge Rubber



SPECIFICATIONS

H(mm)	W(mm)	L(mm)	Hardness
7	7	500/1000	35°A/ 45°A
10	10	500/1000	35°A/45°A

Solid/square Rubber Strip (For Cardboard)



SPECIFICATIONS

H(mm)	W(mm)	L(mm)	Hardness
7	1	500	70°A
7	2	500	70°A
7	3	500	70°A
7	4	500	70°A
7	5	500	70°A

Columnar Gap Rubber Strip (Used For Corrugate Cardboard)



SPECIFICATIONS

H(mm)	W(mm)	L(mm)	Hardness
8	3	285	90°A
8	5	285	90°A
11	3	285	90°A
11	5	285	90°A
11	7	285	90°A

Corrugated Protection Strip

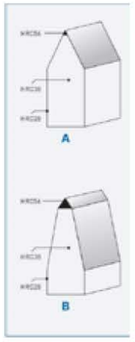


SPECIFICATIONS

H(mm)	W(mm)	L(mm)	Hardness
7	18	1000	70°A

Mirror Cutting Rules（CBM）





Product Description

- Mirror sharp knife edge
- Two type：＜52°，＜42°，＜30°
- Suitable for cutting paper the quantity is less than 400000pcs
- Can be bend to any geometrical shape.

Package



SPECIFICATIONS

Thickness	Carton box quantity	Coil
0.45mm（1.27PT）	100Pcs/Box	100M/Coil
0.53mm（1.5PT）	100Pcs/Box	100M/Coil
0.71mm（2PT）	100Pcs/Box	100M/Coil
1.07mm（3PT）	70Pcs/Box	70M/Coil
1.42mm（4PT）	50Pcs/Box	50M/Coil
2.10mm（6PT）	35Pcs/Box	35M/Coil



FEATURES

This product is for the production of book stitching, stitching line, with high-quality galvanized wire processing, with stable quality, continuous line, high strength, no rust and other characteristics, suitable for all kinds of binding machinery.

SPECIFICATIONS

Model	Size	Meter	mm
27#	0.45mm	801	＜1.6mm
26#	0.50mm	648.8	＜4.8mm
25#	0.55mm	536.2	1.6-5.6mm
24#	0.60mm	450.5	1.6-6.4mm
23#	0.65mm	383.9	3.2-9.5mm
22#	0.70mm	331	4.8-12.7mm
21#	0.80mm	253.4	7.9-15.9mm
20#	0.90mm	200.2	12.7-25.4mm



Foil For Paper

Works on all kinds of paper,such as paper boxes, greeting cards, labels, printing paper, etc.



Foil For Plastic

• Normal grade: Works on big, medium small area, plate or roll printing. widely used in plastic, glazed paper, inked paper, book covers etc.
• XZ grade: usually using for tobacco packages, cosmetic boxes, high level packages…the stamping lines more clear and less powder.
High speed/HS grade: small/medium area and slim line on papers and films can be achieved, speed can reach to 100-150m/min.



Foil For Textile

Works on glue applied textile, like fabric, cloth, T-shirt, with clear sharp images and wash ability.



Pearl Foil

Works on all kinds of up-market greeting cards, packing paper, boxes, logos etc.



Laser/Holographic Foil

• Normal grade: Widely used in wine boxes, cosmetic boxes, wedding cards, book covers, packaging, cigarette boxes, gift packing.
• XZ grade: usually using for tobacco packages, cosmetic boxes, high level packages…the stamping lines more clear and less powder.



Foil For Artificial Leather

Works on normal PU,artificial leather,especially food for PVC table cloth.



Cold Foil

• Flexo printing: with cold foil flexo printing ink, it can be applied to various papers such as copper plate paper and pearl paper, PET, PETG, PC, PVC, PE, BOPP and other films and corresponding laminated papers.
• Offset printing: with cold foil offset printing ink, it can be applied to copper plate paper, pearl paper, PET,PETG,PC,PVC,PE,BOPP and other films and corresponding laminated papers.
• Silk screen printing: cold foil can be operated by UV screen printing. It has the characteristics of good three-dimensional effect and good wear resistance.
• Digital stamping: On the equipment with digital nozzles and stamping modules, stamping on various printing materials can be realized.