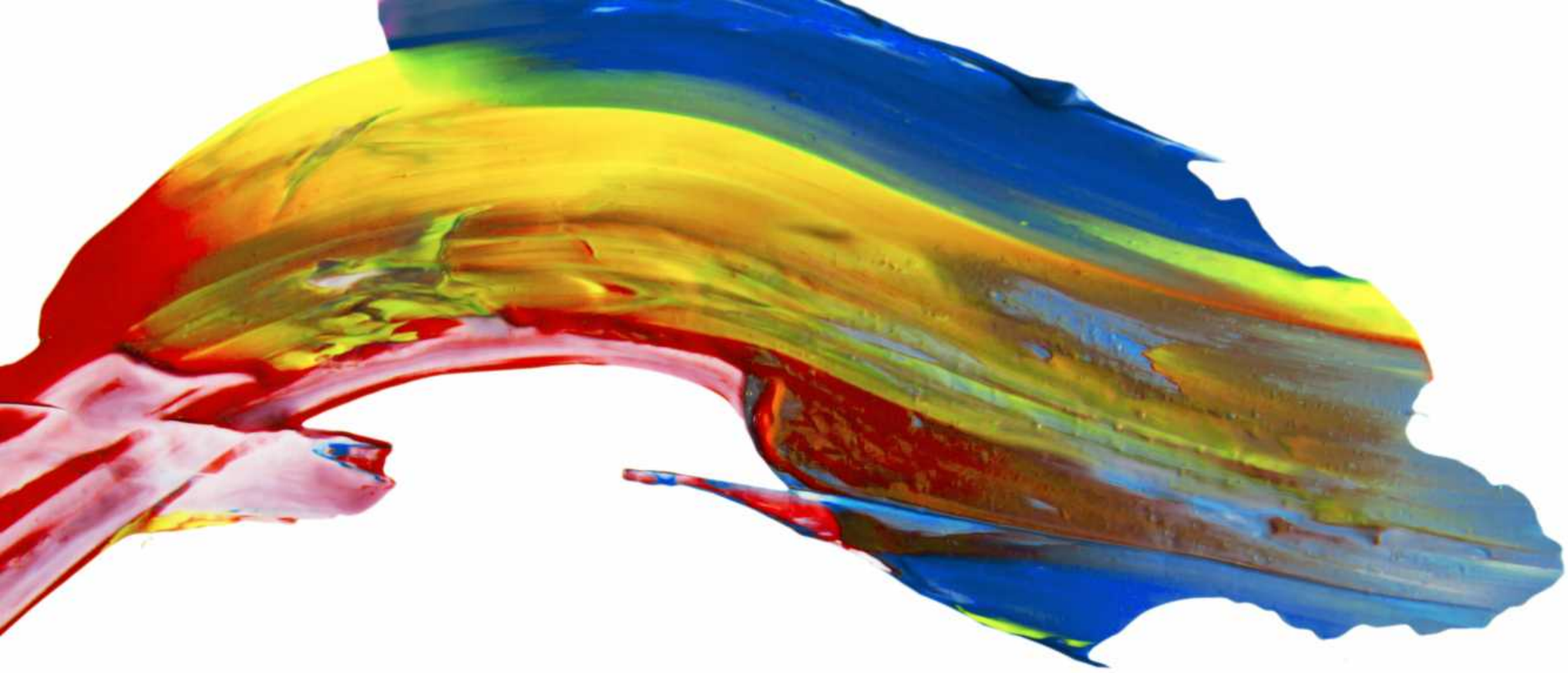


LAUERR

Lauerr New Materials

UV Eco-friendly ink

Screen Printing Ink

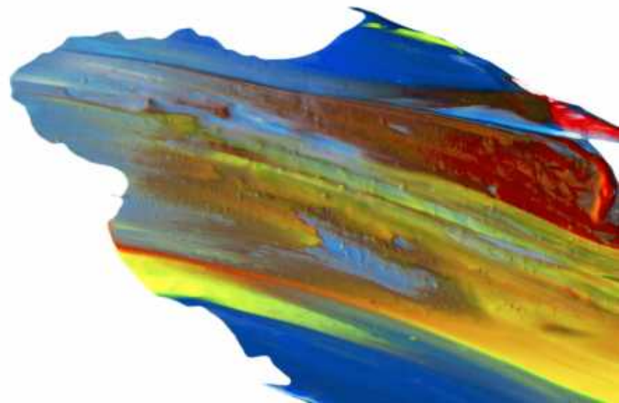
Lauerr Water-Based New Materials (Foshan) Co., Ltd.

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LAUERR







ENTERPRISE BRIEF INTRODUCTION

Lauerr Water-Based New Materials (FOSHAN) Co., Ltd.: The production base of Water Ink is located in Jun 'an Shiyou Industrial Park, the former residence of Bruce Lee in Foshan, Guangdong Province, and has more than 20 years of experience in screen printing industry. It is a leading international enterprise specializing in the production of water-based glass ink, water-based screen printing ink, water-based coating, UV ink coating and high-tech chemical products.

Since the establishment of the company, Lauer Water-based new Materials(FOSHAN) Co., Ltd. has always been in good faith and justice, quality first, stable product performance,keep improving, first-class service, affordable business philosophy to seek survival and development. Adhere to the rigorous and scientific work style, adhere to the spirit of caring for the earth and being responsible for the society, and strive to create green products. The company actively and enthusiastically for the majority of consumers, customers, partners to provide practical technical services, and therefore won the recognition and trust of the society.

With the development of specialization, marketization and internationalization, the company has cooperated closely with many well-known foreign suppliers of raw materials, made rapid development in the fields of market information and technological innovation, and created a new situation of complementary advantages, mutual benefit and win-win, serving the world and benefiting all mankind.

In order to better serve customers, the company established brand of Lauer Ink and marketing center in Foshan, Guangdong. Lauer Ink mainly promotes UV-type and solvent-based ink business.Water Ink sincerely looks forward to cooperating with you and creating brilliance hand in hand!



Our purpose and advantages

Lauer Water-Based New Materials of "quality products, safety at ease", featuring environmental protection products, aiming at serving end users and projects, Water Ink has built a technical service team with solid professional knowledge and excellent service level to provide customers with timely and thoughtful consultation and on-site guidance.

Suggestion and optimization of screen printing scheme

According to the specific requirements of customers, we will recommend the optimal overall solution for supporting screen printing!

Specialized training of screen printing technicians

We will provide necessary professional training for screen printing technicians according to customers' requirements, including the selection of screen printing consumables, technical training and reasonable control of material loss.

On-site service construction guidance

According to customers' needs, we can send professional technical service personnel to the workshop to provide necessary on-site guidance for silk screen printing process and solve possible abnormal situations in time.

On-site service and guidance for key customers

At the initial stage when customers use our products, we can send professional technical service personnel to the factory for training, so as to solve the possible abnormal situations in the construction in time and ensure that technicians can completely construct independently and deal with common problems.

24 hours quick response

We will give solutions and suggestions within 24 hours from the customer's feedback, or arrange service personnel to go to the factory to solve the problem.



TEAM SPIRIT

No perfect individual, only a perfect team.

Success is not the strength of one person, it is the strength of a team, and the cohesion of wisdom will push this strength to infinity. Let's unite as one, go all out, with 100% efforts and confidence, build the first truly integrated water-based glass ink promotion service provider in China! Our team: Unity is strength, unite as one!

UV Glass Screen Printing Ink

[Basic Information]

UV glass screen printing ink itself has special performance requirements. The ink is delicate, lubricating, and has good flowability. It cures quickly and has a high gloss. The printed dots are clear and have a strong sense of hierarchy. It has excellent water resistance and is easy to operate during printing. The ink has a high color density and the ink layer has good toughness. This product belongs to the category of green products as it does not contain volatile organic solvents, making it more environmentally friendly. Our company's product has obtained international air and sea transportation certificates, making transportation more convenient and fast. In addition to meeting the basic color choices of black, white, red, yellow, blue, and green, it can also produce special colors based on customers' specific color palettes, as well as the complete Pantone and LAUERINK(RAL) color cards. It is widely used in high-end printing of bottle glass, cosmetic glass, flat glass, and other applications.



[Application Suggestion]

Screen printing: Printing mesh 150-420/Squeegee hardness 60-85T
Construction of work: Screen Printing.Please make sure the substrate is clean and free from oil contamination before printing.
Operating environment (humidity/temperature): After printing, bake at 180° C for 8 - 10 minutes. When using 818S curing agent, it can also air-dry. Adhesion is excellent when tested after 48 hours.
Curing Conditions: UV illumination 1-3 sec
Common pigment color: Common colors available (other colors custom)
Thickness of wet film: 10-30(um)
Ink fineness: 5-55(um)
Diluent: 1#Quick dry 2#Medium dry 3#Slow dry
Curing Agent: 1402# / 818S / 5118. Addition ratio: 6%.
Shelf life: 12 months at room temperature

UV39500 High-temperature Tempered Glass Ink

[Basic Information]

UV39500 high-temperature tempered glass screen printing ink has its own special performance requirements. This ink is fine and smooth with excellent mesh release. It offers fast curing and high gloss; printed dots are clear with strong gradation; it is easy to operate; it provides high color density; and the ink film has good toughness. This product is a green product — it contains no organic solvent volatilization, making it more environmentally friendly. Our company's products have obtained international air and sea transport certificates, making transportation more convenient and efficient. It is widely used in high-end tempered glass printing and is suitable for high-end screen printing lines and ultra-fine texture printing. It is one of our company's uniquely developed and distinctive products.



[Application Suggestion]

Screen printing: Printing mesh 350-420/Squeegee hardness 60-85T
Construction of work: Screen Printing
Operating environment (humidity/temperature): Bake at 180° C for 5-10 minutes
Curing Conditions: UV illumination 1-3 sec
Common pigment color: Common colors available (other colors custom)
Thickness of wet film: 3-10(um)
Ink fineness: 3-10(um)
Diluent: 1#Quick dry 2#Medium dry 3#Slow dry
Shelf life: 12 months at room temperature

UV Screen Printing Ink for Melamine Boards

[Basic Information]

UV Screen Printing Ink for Melamine Boards has special performance requirements. The ink itself is smooth and lubricating, with excellent flowability. It cures quickly and provides a high gloss finish. The printed dots are clear with a strong sense of hierarchy. It has excellent water resistance and is easy to operate during printing. It offers high color density and the ink layer has good toughness. This product is considered environmentally friendly as it is free from volatile organic solvents. Our company's product has obtained international air and sea transportation certificates, ensuring convenient and fast shipping. In addition to meeting the basic color choices of black, white, red, yellow, blue, and green, it can also be customized to produce special colors based on specific color palettes provided by customers, including the complete Pantone and LAUERINK(RAL) color cards. In special applications, it exhibits good weather resistance. It is widely used in various high-end sports equipment, melamine boards, ping pong tables, basketball backboards, high-end home wood panels, and high-end packaging wooden box printing.



[Application Suggestion]

Screen printing: Printing mesh 250-350/Squeegee hardness 60-85T
Construction of work: Screen Printing
Operating environment (humidity/temperature): 55-65%/23-35℃
Curing Conditions: UV illumination 1-3 sec
Shelf life: 12 months at room temperature
Common pigment color: Common colors available (other colors custom)
Thickness of wet film: 10-30(um)
Ink fineness: 5-35(um)
Diluent: 1#Quick dry 2#Medium dry 3#Slow dry
Curing Agent: 818S (if required)

UVA Screen Printing Ink

[Basic Information]

UVA screen printing ink has special performance requirements. The ink itself is smooth and lubricating, with excellent flowability. It cures quickly and provides a high gloss finish. The printed dots are clear with a strong sense of hierarchy. It is easy to operate and offers high color density. The ink layer has good toughness. This product is considered environmentally friendly as it is free from volatile organic solvents. Our company's product has obtained international air and sea transportation certificates, ensuring convenient and fast shipping. In addition to meeting the basic color choices of black, white, red, yellow, blue, and green, it can also be customized to produce special colors based on specific color palettes provided by customers, including the complete Pantone and LAUERINK(RAL) color cards. It is widely used in the screen printing industry for paper and some PVC plastic materials.



[Application Suggestion]

Screen printing: Printing mesh 150-420/Squeegee hardness 60-85T
Construction of work: Screen Printing
Operating environment (humidity/temperature): 55-65%/23-35℃
Curing Conditions: UV illumination 1-3 sec
Shelf life: 12 months at room temperature
Common pigment color: Common colors available (other colors custom)
Thickness of wet film: 10-30(um)
Ink fineness: 5-55(um)
Diluent: 1#Quick dry 2#Medium dry 3#Slow dry

UVPPNK Series Plastic Screen Printing Ink

[Basic Information]

UVPPNK Series Plastic Screen Printing Ink is specially developed for polar substrates such as PP and PE. This product is manufactured using imported materials. Before printing, the substrate may require corona, plasma, or PP water treatment to achieve the required printable tension (above 40 dynes). The ink is fine and smooth, with excellent mesh release and high gloss. It offers outstanding adhesion and chemical resistance. This product is a green product! It contains no organic solvent volatilization, making it more environmentally friendly! Our company's products have obtained international air and sea transport certificates! This makes transportation more convenient and efficient! In addition to satisfying basic color options such as black, white, red, yellow, blue, and green, we can also custom-formulate special colors based on the customer's specific color swatches, as well as the full Pantone (PANTONE) and RAL color cards.



[Application Suggestion]

Screen printing: Printing mesh 150-420/Squeegee hardness 60-85T	**Common pigment color:** Common colors available (other colors custom)
Construction of work: Screen Printing	**Thickness of wet film:** 10-30(um)
Operating environment (humidity/temperature): 55-65%/23-35℃	**Ink fineness:** 5-30(um)
Curing Conditions: UV illumination 1-3 sec	**Diluent:** 1#Quick dry 2#Medium dry 3#Slow dry
Shelf life: 12 months at room temperature	**Curing Agent:** 818S (if required)

UVAS Plastic Screen Printing Ink

[Basic Information]

UVAS plastic screen printing ink has special performance requirements. The ink itself is smooth and lubricating, with excellent flowability. It cures quickly and provides a high gloss finish. It is targeted and offers product stability. It is resistant to wear and has strong chemical resistance and adhesion. It offers high color density and the ink layer has good toughness. This product is considered environmentally friendly as it is free from volatile organic solvents. Our company's product has obtained international air and sea transportation certificates, ensuring convenient and fast shipping. In addition to meeting the basic color choices of black, white, red, yellow, blue, and green, it can also be customized to produce special colors based on specific color palettes provided by customers, including the complete Pantone and RAL color cards. It is suitable for plastics such as ABC and PC, and is mainly used in electrical components and electronic label products.



[Application Suggestion]

Screen printing: Printing mesh 150-420/Squeegee hardness 60-85T	**Common pigment color:** Common colors available (other colors custom)
Construction of work: Screen Printing	**Thickness of wet film:** 10-30(um)
Operating environment (humidity/temperature): 55-65%/23-35℃	**Ink fineness:** 5-55(um)
Curing Conditions: UV illumination 1-3 sec	**Diluent:** 1#Quick dry 2#Medium dry 3#Slow dry
Shelf life: 12 months at room temperature	

LED UV Screen Printing Ink for Paper and PVC

[Basic Information]

LED UV Screen Printing Ink for Paper and PVC has special performance requirements. The ink itself is smooth and lubricating, with excellent flowability. It cures quickly and provides a high gloss finish. It is resistant to wear, has strong chemical resistance, and exhibits strong adhesion. The printed products have good adhesion, smoothness, glossiness, and vibrant colors. This product is considered environmentally friendly as it is free from volatile organic solvents. Our company's product has obtained international air and sea transportation certificates, ensuring convenient and fast shipping. In addition to meeting the basic color choices of black, white, red, yellow, blue, and green, it can also be customized to produce special colors based on specific color palettes provided by customers, including the complete Pantone and RAL color cards. It is suitable for materials such as paper, ABS, PC, PET, PVC, processed PP, PE, and others. It is mainly used in single-sheet posters, stationery, plastic packaging boxes, and other products.



[Application Suggestion]

Screen printing: Printing mesh 150-420/Squeegee hardness 60-85T	**Common pigment color:** Common colors available (other colors custom)
Construction of work: Screen Printing	**Thickness of wet film:** 10-30(um)
Operating environment (humidity/temperature): 55-65%/23-35℃	**Ink fineness:** 5-55(um)
Curing Conditions: UV illumination 1-3 sec	**Diluent:** 1#Quick dry 2#Medium dry 3#Slow dry
Shelf life: 12 months at room temperature	

UV Advertisement Film Ink (four-color)

[Basic Information]

UV advertisement film ink (four-color) has special performance requirements. The ink itself is smooth and lubricating, with excellent flowability. It has high reactivity and cures quickly, designed to match the full spectrum of UV light. It produces clear halftone dots and maintains stable printing performance. It provides excellent gloss and adhesion, maintains a good ink-water balance, and offers high color density, making it suitable for general market color requirements. This product is considered environmentally friendly as it is free from volatile organic solvents. Our company's product has obtained international air and sea transportation certificates, ensuring convenient and fast shipping. It is suitable for synthetic paper for advertisements, PVC stickers, KT boards, BT boards, acrylic sheets, PVC film, and others. It is mainly used in outdoor advertising, advertising lightboxes, and packaging printing.



[Application Suggestion]

Screen printing: Printing mesh 350-420/Squeegee hardness 60-85T	**Common pigment color:** CMYK
Construction of work: Screen Printing	**Thickness of wet film:** 10-30(um)
Operating environment (humidity/temperature): 55-65%/23-35℃	**Ink fineness:** 5-55(um)
Curing Conditions: UV illumination 1-3 sec	**Diluent:** 1#Quick dry 2#Medium dry 3#Slow dry
Shelf life: 12 months at room temperature	

UV Keyboard Screen Printing Ink

[Basic Information]

UV keyboard screen printing ink has special performance requirements. The ink itself is smooth and lubricating, with excellent flowability. It cures quickly and provides a high gloss finish. It is targeted and offers product stability. It is wear-resistant, resistant to sweat, alcohol, cold, and heat. It has strong chemical resistance and adhesion. It offers high color density and the ink layer has good toughness. This product is considered environmentally friendly as it is free from volatile organic solvents. Our company's product has obtained international air and sea transportation certificates, ensuring convenient and fast shipping. In addition to meeting the basic color choices of black, white, red, yellow, blue, and green, it can also be customized to produce special colors based on specific color palettes provided by customers, including the complete Pantone and RAL color cards. It is suitable for ABS, PVC, PET, BOPP, PS processed PP, PE, and other materials. It is mainly used in keyboards, electrical components, and electronic label products.



[Application Suggestion]

Screen printing: Printing mesh 150-420/Squeegee hardness 60-85T	**Common pigment color:** Common colors available (other colors custom)
Construction of work: Screen Printing	**Thickness of wet film:** 10-30(um)
Operating environment (humidity/temperature): 55-65%/23-35℃	**Ink fineness:** 5-55(um)
Curing Conditions: UV illumination 1-3 sec	**Diluent:** 1#Quick dry 2#Medium dry 3#Slow dry
Shelf life: 12 months at room temperature	**Curing Agent:** 818S (if required)

UV Bottle Container Screen Printing Ink

[Basic Information]

UV bottle container screen printing ink has special performance requirements. The ink itself is smooth and lubricating, with excellent flowability. It cures quickly and provides a high gloss finish. It is targeted and offers product stability. It is wear-resistant, has good water resistance, and is resistant to alcohol, cold, and heat. It has strong chemical resistance and adhesion. It offers high color density and the ink layer has good toughness. This product is considered environmentally friendly as it is free from volatile organic solvents. Our company's product has obtained international air and sea transportation certificates, ensuring convenient and fast shipping. In addition to meeting the basic color choices of black, white, red, yellow, blue, and green, it can also be customized to produce special colors based on specific color palettes provided by customers, including the complete Pantone and RAL color cards. It is suitable for plastic bottles made of PVC, PET, BOPP, PS, and others. It is mainly used in the surface printing of cosmetic containers, shampoo bottles, and other plastic packaging and containers in the chemical industry.



[Application Suggestion]

Screen printing: Printing mesh 150-420/Squeegee hardness 60-85T	**Common pigment color:** Common colors available (other colors custom)
Construction of work: Screen Printing	**Thickness of wet film:** 10-30(um)
Operating environment (humidity/temperature): 55-65%/23-35℃	**Ink fineness:** 5-55(um)
Curing Conditions: UV illumination 1-3 sec	**Diluent:** 1#Quick dry 2#Medium dry 3#Slow dry
Shelf life: 12 months at room temperature	**Curing Agent:** 818S (if required)

UV751 Glass Hot Stamping Varnish

[Basic Information]

UV751 Glass Hot Stamping Varnish has specific performance requirements. The varnish itself is smooth and lubricating, with excellent screen transfer properties. It can be directly used for hot stamping and can also be used as an ink for color printing. It has UV instant drying capability and leaves no solvent residue, making it more environmentally friendly. It provides a strong three-dimensional effect. It is resistant to alcohol and alkali immersion, demonstrating outstanding performance. It can withstand boiling water for 20 minutes and temperatures up to 52 degrees Celsius. It can be used as a base varnish for metal and glass hot stamping. This product is considered environmentally friendly. Our company's product has obtained international air and sea transportation certificates, ensuring convenient and fast shipping.



[Application Suggestion]

Screen printing: Printing mesh 200-350/Squeegee hardness 60-85T	**Common pigment color:** Milk white
Construction of work: Screen Printing	**Thickness of wet film:** 10-30(um)
Operating environment (humidity/temperature): 55-65%/23-35℃	**Ink fineness:** 5-55(um)
Curing Conditions: UV illumination 3-5 sec	**Diluent:** 1#Quick dry 2#Medium dry 3#Slow dry
Shelf life: 12 months at room temperature	**Curing Agent:** 818S 5-15%

UV Etch-resistant Protective Ink (alkali-resistant Ink)

[Basic Information]

UV Etch-resistant Protective Ink (alkali-resistant ink) has specific performance requirements. It is mainly used for AG glass, etched glass, stainless steel, and metal etching. It has excellent acid resistance and can be applied using screen printing or roller coating methods. It cures quickly under UV light and is suitable for printing fine and intricate lines without drying on the screen. It is resistant to cutting fluids, can be washed with water, and has excellent scratch and abrasion resistance. It can be removed with alkali, making it cost-effective. This product is considered environmentally friendly as it does not emit volatile organic solvents, making it more environmentally friendly. Our company's product has obtained international air and sea transportation certificates, ensuring convenient and fast shipping.



[Application Suggestion]

Screen printing: Printing mesh 150-300/Squeegee hardness 60-85T	**Common pigment color:** Light Blue/Black
Construction of work: Screen Printing	**Thickness of wet film:** 10-30(um)
Operating environment (humidity/temperature): 55-65%/23-35℃	**Ink fineness:** 5-55(um)
Curing Conditions: UV illumination 1-3sec	**Diluent:** 1#Quick dry 2#Medium dry 3#Slow dry
Shelf life: 12 months at room temperature	

UVU Offset Printing Ink

[Basic Information]

UVU Offset Printing Ink itself has special performance requirements, the ink cost-effective, fine lubrication! Fast curing speed, high gloss; Printing dot clear, strong sense of layer; Easy to operate; Ink will not crust on printing; High printing color concentration; The ink layer has good toughness. This product belongs to the green product! No organic solvent volatilization, more environmentally friendly! Our products have obtained the international air freight certificate! More convenient and fast transportation! In addition to meeting the basic choice of black, white, red, yellow, blue and green colors, special colors can be modulated according to the customer's specific color palette and all PANTONE and Lauer color cards. Printing substrates include gold and silver cardstock, copper sheet paper, laser cardstock, PVC and pre-processed film and film products. Mainly used in tobacco and wine bags, cosmetics packaging and other high-end packaging products printing.



[Application Suggestion]

Offset printing: Planographic printing, Offset printing, Rotary printing
Construction of work: UV Offset printing
Operating environment (humidity/temperature): 55-65%/23-35℃
Curing Conditions: UV illumination 3-5 sec
Shelf life: 12 months at room temperature

Common pigment color: Common colors available (other colors custom)
Thickness of wet film: 2-15(um)
Ink fineness: 2-15(um)
Diluent: Reducing Agent

UVUS Reducing Agent

[Basic Information]

This product is mainly composed of water-based, environmentally friendly high-viscosity resins, various imported additives, and other materials. It is primarily used for dilution and blending of UVUS inks. It can reduce ink concentration, adjust ink hue, lower ink printing costs, improve ink flowability, and enhance printing efficiency. It has excellent wetting properties and good leveling characteristics. This product belongs to the category of green products! It does not contain volatile organic solvents, making it more environmentally friendly. Our company's product has obtained international air and sea transportation certificates, making transportation more convenient and efficient.



[Application Suggestion]

Color and gloss(X-rite Densitometer, tin surface): transparent
Printing viscosity(VT-04F Viscometer,25°C): 320±20dpa.s
Solid content(%Wt): 35%±5%
Operating environment (humidity/temperature): 55-60%/20-25℃

Solvent viscosity(VT-04F Viscometer,25°C): Low
Drying conditions: UV illumination 3-5 sec
Dilution addition ratio: 3%-5%
Shelf life: 12 months at room temperature(unopen)

Two-component Glass Printing Ink(solvent-based)

[Basic Information]

The processing of two-component glass printing ink has special performance requirements for the ink itself. The ink should be delicate, lubricating, and have good flowability. It should be resistant to alcohol and butanone wiping, as well as acid and alkali. It should withstand boiling water and air-dry at room temperature. This product belongs to the category of green products.
In addition to meeting the basic color selection of black, white, red, yellow, blue, and green, it can also be formulated into special colors based on the customer's specific color palette, as well as the entire PANTONE color card and LAUER(RAL) color card. In special application areas, it also has high resistance to mechanical impact and thermal shock. It is widely used in household appliance glass, tempered glass, furniture glass, refrigerator and air conditioner glass panels, decorative glass, and so on.



[Application Suggestion]

Screen printing: Printing mesh 150-420/Squeegee hardness 60-85T
Operating environment (humidity/temperature): 55-65%/23-35℃
Shelf life: 12 months at room temperature
Thickness of wet film: 10-30(um)
Diluent: 783、786

Construction of work: Screen Printing, Roll coating, Spray
Drying conditions: 160-180℃/8-10min
Common pigment color: Common colors available (other colors custom)
Ink fineness: 5-55(um)
Curing Agent: 528/529(10%) 818S

Acid and alkali resistance (if required):
Acid resistance : At room temperature, there are no obvious traces on the surface after soaking in 3-5% hydrochloric acid solution for 10-15min.
Alkali resistance: At room temperature, there are no obvious traces on the surface after soaking in 5% sodium hydroxide solution for 10-15min.

One-component Glass Printing Ink(solvent-based)

[Basic Information]

The processing of One-component glass printing ink has special performance requirements for the ink itself. The ink should be delicate, lubricating, and have good flowability. It should have vibrant colors, be resistant to boiling water, have chemical resistance, acid and alkali resistance, weather resistance, and stable overall performance. This product belongs to the category of green products.
In addition to meeting the basic color selection of black, white, red, yellow, blue, and green, it can also be formulated into special colors based on the customer's specific color palette, as well as the entire PANTONE color card and LAUER(RAL) color card. In special application areas, it also has high resistance to mechanical impact and thermal shock. It is suitable for materials such as raw glass, tempered glass, tinplate, and aluminum sheets. It is widely used in refrigerators, air conditioners, washing machines, and other appliances.



[Application Suggestion]

Screen printing: Printing mesh 150-420/Squeegee hardness 60-85T
Operating environment (humidity/temperature): 55-65%/23-35℃
Shelf life: 12 months at room temperature
Thickness of wet film: 10-30(um)
Diluent: 783、786

Construction of work: Screen Printing, Roll coating, Spray
Drying conditions: 175-185℃/8-10min
Common pigment color: Common colors available (other colors custom)
Ink fineness: 5-55(um)
Curing Agent: 8202(5%)

● Glass Mirror Silver Ink

【 Basic Information 】

Glass Mirror Silver Ink offers an excellent mirror effect. It is suitable for printing logos of various home appliance brands. The processing of this ink places special performance requirements on the ink itself. The ink is fine and smooth, with excellent mesh release. It provides high brightness and good adhesion. This product is a green product. It can be custom-formulated into special metallic colors according to the customer's specific color swatches. It is widely used in high-end glass screen printing, such as mobile phone glass and home appliance glass.



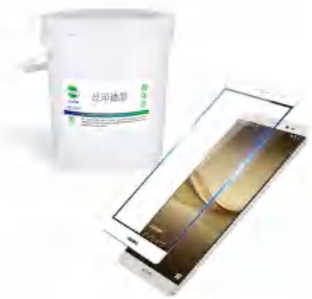
【 Application Suggestion 】

Screen printing: Printing mesh 250-300/Squeegee hardness 60-85T	**Construction of work:** Screen Printing
Operating environment (humidity/temperature): 55-65%/23-35℃	**Drying conditions:** 160-180℃/8-10min
Shelf life: 12 months at room temperature	**Common pigment color:** Common colors available (other colors custom)
Thickness of wet film: 10-30(um)	**Ink fineness:** 5-55(um)
Diluent: JM Thinner	**Curing Agent:** JM Curing Agent 2-3%

● Mobile Phone Cover Glass & Display Glass Ink

【 Basic Information 】

Mobile Phone Cover Glass & Display Glass Ink are generally based on high-opacity black and white. The processing of this ink places special performance requirements on the ink itself. The ink is fine and smooth, with excellent mesh release. It offers excellent adhesion, and its hiding power can be tested using a red light source. The ink film is smooth with good edge definition. This product is a green product. In special applications, it also provides high resistance to mechanical impact and thermal shock. It is widely used in high-end mobile phone cover glass, display glass, and other applications.



【 Application Suggestion 】

Screen printing: Printing mesh 150-420/Squeegee hardness 60-85T	**Construction of work:** Screen Printing
Operating environment (humidity/temperature): 55-65%/23-35℃	**Drying conditions:** 160-180℃/8-10min
Shelf life: 12 months at room temperature	**Common pigment color:** Common colors available (other colors custom)
Thickness of wet film: 7-15(um)	**Ink fineness:** 3-10(um)
Diluent: 783,786	**Curing Agent:** 528,529

● Water Transfer Printing Ink

【 Basic Information 】

The processing of water transfer printing ink has special performance requirements for the ink itself. The ink should be delicate, lubricating, and have good flowability. It exhibits excellent adhesion, good wear resistance, vibrant colors, high coloring power, good gloss, and tight interlayer bonding. In large-scale printing, the ink layer is dense and bright, and the printing performance of clear and sharp ink is stable. It has strong resistance to emulsification. This product belongs to the category of green products.
In addition to meeting the basic color selection of black, white, red, yellow, blue, and green, it can also be formulated into special colors based on the customer's specific color palette, as well as the entire PANTONE color card and LAUER(RAL) color card. In special application areas, it also has high resistance to mechanical impact and thermal shock. It is suitable for direct printing on water transfer paper substrates and widely used in helmets, fishing rods, rackets, mobile phone casings, toys, glass, ceramic crafts, etc.



【 Application Suggestion 】

Screen printing: Printing mesh 150-420/Squeegee hardness 60-85T	**Construction of work:** Screen Printing
Operating environment (humidity/temperature): 55-65%/23-35℃	**Drying conditions:** 60-80℃/8-10min
Shelf life: 12 months at room temperature	**Common pigment color:** Common colors available (other colors custom)
Thickness of wet film: 10-30(um)	**Ink fineness:** 5-55(um)
Diluent: CP150,CP180	

● IMD (In-Mold Decoration) Screen Printing Ink

【 Basic Information 】

The processing of IMD (In-Mold Decoration) screen printing ink has special performance requirements for the ink itself. The ink should be delicate, lubricating, and have good flowability. It is a low-odor ink that does not contain substances such as benzene, toluene, xylene, and isophorone, which are environmentally burdensome. It exhibits excellent adhesion to polyester and PC films. It has superior heat resistance during post-processing such as lamination and demonstrates good adhesion to the forming resin. It is suitable for screen printing in the IMD process. This product belongs to the category of green products.
In addition to meeting the basic color selection of black, white, red, yellow, blue, and green, it can also be formulated into special colors based on the customer's specific color palette, as well as the entire PANTONE color card and LAUER(RAL) color card. In special application areas, it also has high resistance to mechanical impact and thermal shock. It is suitable for PET and PC substrates and widely used in the decoration and functional control panels of home appliances, automotive dashboards, air conditioning panels, mobile phone casings, window lenses,etc.



【 Application Suggestion 】

Screen printing: Printing mesh 150-420/Squeegee hardness 60-85T	**Construction of work:** Screen Printing
Operating environment (humidity/temperature): 55-65%/23-35℃	**Drying conditions:** 60-80℃/8-10min
Shelf life: 12 months at room temperature	**Common pigment color:** Common colors available (other colors custom)
Thickness of wet film: 10-30(um)	**Ink fineness:** 5-55(um)
Diluent: 783、786	**Curing Agent:** XP-3(5%)
Adhesive: 012	

● PP (polypropylene) Screen Printing Ink

【 Basic Information 】

The processing of PP (polypropylene) screen printing ink has special performance requirements for the ink itself. The ink should be delicate, lubricating, and have good flowability. It should have excellent screen printing properties and adhere well. It is suitable for printing on soft PP and PE substrates, providing a smooth, matte finish. This product belongs to the category of green products.
In addition to meeting the basic color selection of black, white, red, yellow, blue, and green, it can also be formulated into special colors based on the customer's specific color palette, as well as the entire PANTONE color card and LAUER(RAL) color card. In special application areas, it also has high resistance to mechanical impact and thermal shock. It is suitable for materials such as PP (polypropylene), PE (polyethylene), and similar materials. It is widely used in bottle and can processing, stationery printing, instrument printing, handbag manufacturing, and other industries.



【 Application Suggestion 】

Screen printing: Printing mesh 150-420/Squeegee hardness 60-85T	**Construction of work:** Screen Printing
Operating environment (humidity/temperature): 55-65%/23-35℃	**Drying conditions:** 60-80℃/8-10min
Shelf life: 12 months at room temperature	**Common pigment color:** Common colors available (other colors custom)
Thickness of wet film: 10-30(um)	**Ink fineness:** 5-55(um)
Diluent: 783、786	**Curing Agent:** P1

● PET Film Switch Screen Printing Ink

【 Basic Information 】

The processing of PET film switch screen printing ink has special performance requirements for the ink itself. The ink should be delicate, lubricating, and have good flowability. It should have excellent screen printing properties and adhere well. When printed on PET material, it exhibits good adhesion, gloss, and good coverage. This product belongs to the category of green products.
In addition to meeting the basic color selection of black, white, red, yellow, blue, and green, it can also be formulated into special colors based on the customer's specific color palette, as well as the entire PANTONE color card and LAUER(RAL) color card. In special application areas, it also has high resistance to mechanical impact and thermal shock. It is suitable for PET substrates and widely used in bottle and can processing, stationery printing, sports equipment casing, instrument printing, and film switch printing, among other applications.



【 Application Suggestion 】

Screen printing: Printing mesh 150-420/Squeegee hardness 60-85T	**Construction of work:** Screen Printing
Operating environment (humidity/temperature): 55-65%/23-35℃	**Drying conditions:** 60-80℃/8-10min
Shelf life: 12 months at room temperature	**Adhesive:** 1012
Common pigment color: Common colors available (other colors custom)	**Thickness of wet film:** 10-30(um)
Ink fineness: 5-55(um)	**Diluent:** 783,786

● One-component Stamping Ink for Aluminum Sheets

【 Basic Information 】

The processing of One-component Stamping Ink for Aluminum Sheets has special performance requirements for the ink itself. The ink should be delicate, lubricating, and have good flowability. It exhibits excellent screen printing properties and withstands deep stamping without feathering. It does not lose ink or explode edges after multiple stamping, and it has strong adhesion. It does not stretch or clog the screen, and it has good printing performance. It is resistant to gasoline and chemical spillage. This product belongs to the category of green products.
In addition to meeting the basic color selection of black, white, red, yellow, blue, and green, it can also be formulated into special colors based on the customer's specific color palette, as well as the entire PANTONE color card and LAUER(RAL) color card. In special application areas, it also has high resistance to mechanical impact and thermal shock. It is widely used in high-end metal nameplates, emblems, and premium printing and decorative processes for mobile phone back covers.



【 Application Suggestion 】

Screen printing: Printing mesh 150-420/Squeegee hardness 60-85T	**Construction of work:** Screen Printing, Roll coating, Spray
Operating environment (humidity/temperature): 55-65%/23-35℃	**Drying conditions:** 160-180℃/8-10min
Shelf life: 12 months at room temperature	**Common pigment color:** Common colors available (other colors custom)
Thickness of wet film: 10-30(um)	**Ink fineness:** 5-55(um)
Diluent: 783,786	

● Laminated Card Screen Printing Ink

【 Basic Information 】

The processing of Laminated card screen printing ink has special performance requirements for the ink itself. The ink should be delicate, lubricating, and have good flowability. It exhibits good matte gloss, wear resistance, and a certain level of heat resistance. This product belongs to the category of green products.
In addition to meeting the basic color selection of black, white, red, yellow, blue, and green, it can also be formulated into special colors based on the customer's specific color palette, as well as the entire PANTONE color card and LAUER(RAL) color card. It is suitable for use on rigid PVC materials and widely used in various high-end bank cards, business cards, VIP cards, and more.



【 Application Suggestion 】

Screen printing: Printing mesh 150-420/Squeegee hardness 60-85T	**Construction of work:** Screen Printing
Operating environment (humidity/temperature): 55-65%/23-35℃	**Drying conditions:** Air drying
Shelf life: 12 months at room temperature	**Common pigment color:** Common colors available (other colors custom)
Thickness of wet film: 10-30(um)	**Ink fineness:** 5-55(um)
Diluent: 783,786	

● PET Mylar High-Opacity Screen Printing Ink

[Basic Information]

The processing of PET Mylar High-Opacity Screen Printing Ink with high coverage has special performance requirements for the ink itself. The ink should be delicate, lubricating, and have good flowability. It exhibits vibrant colors, water resistance, chemical resistance, acid and alkali resistance, weather resistance, and overall stable performance. This product belongs to the category of green products.
In addition to meeting the basic color selection of black, white, red, yellow, blue, and green, it can also be formulated into special colors based on the customer's specific color palette, as well as the entire PANTONE color card and LAUER(RAL) color card. It is suitable for use on mylar film, PET film, and high-end printing for computer keyboards.



[Application Suggestion]

Screen printing: Printing mesh 200-300/Squeegee hardness 60-85T	**Construction of work:** Screen Printing
Operating environment (humidity/temperature): 55-65%/23-35℃	**Drying conditions:** 80-90℃/5-8min
Shelf life: 12 months at room temperature	**Common pigment color:** Common colors available (other colors custom)
Thickness of wet film: 10-30(um)	**Ink fineness:** 3-8(um)
Diluent: 783,786	

Acid and alkali resistance (if required) :

Acid resistance : At room temperature, there are no obvious traces on the surface after soaking in 3-5% hydrochloric acid solution for 10-15min.

Alkali resistance: At room temperature, there are no obvious traces on the surface after soaking in 5% sodium hydroxide solution for 10-15min.

● Chameleon Anti-counterfeiting Ink

[Basic Information]

The processing of chameleon anti-counterfeiting ink has special performance requirements for the ink itself. The ink should be delicate, lubricating, and have good flowability. It exhibits strong color-shifting properties with significant color variation and distinct features. It cannot be replicated by any high-definition scanner, color photocopier, or other devices, ensuring extremely reliable anti-counterfeiting measures. This product belongs to the category of green products.
In addition to meeting the basic color selection of black, white, red, yellow, blue, and green, it can also be formulated into special colors based on the customer's specific color palette, as well as the entire PANTONE color card and LAUER(RAL) color card. It is widely used for anti-counterfeiting purposes in currency and securities, as well as packaging anti-counterfeiting for various high-end tobacco, alcohol, food, pharmaceutical, and cosmetic products.



[Application Suggestion]

Screen printing: Printing mesh 150-420/Squeegee hardness 60-85T	**Construction of work:** Screen Printing
Operating environment (humidity/temperature): 55-65%/23-35℃	**Drying conditions:** Air drying
Shelf life: 12 months at room temperature	**Common pigment color:** Common colors available (other colors custom)
Thickness of wet film: 10-30(um)	**Ink fineness:** 5-55(um)
Diluent: 783,786,SF Non-Aggressive Thinner	

● Silicone Screen Printing Ink

[Basic Information]

The processing of silicone screen printing ink has special performance requirements for the ink itself. The ink should be delicate, lubricating, and have good flowability. It should have excellent adhesion and good flow characteristics. This product belongs to the category of green products.
In addition to meeting the basic color selection of black, white, red, yellow, blue, and green, it can also be formulated into special colors based on the customer's specific color palette, as well as the entire PANTONE color card and LAUER(RAL) color card. In special application areas, it also has high resistance to mechanical impact and thermal shock. It is widely used in various silicone rubber keypads for electronic products such as mobile phones, telephones, laptops, fax machines, remote controls, as well as silicone wristbands, silicone necklaces, silicone pads, and other printed graphics and text on various rubber parts.



[Application Suggestion]

Screen printing: Printing mesh 150-420/Squeegee hardness 60-85T	**Construction of work:** Screen Printing
Operating environment (humidity/temperature): 23-35℃	**Drying conditions:** Bake at 180° C for 20 minutes
Shelf life: 12 months at room temperature	**Common pigment color:** Common colors available (other colors custom)
Thickness of wet film: 10-30(um)	**Ink fineness:** 5-55(um)
Diluent: Custom	**Curing Agent:** Custom

We provide complete screen printing equipment,
plate-making equipment and consumables,
along with apprentice training in plate-making and printing.

