

Printing & Decorating Solutions for Textile & Footwear

Sublimation



Pad Printing-
Inside / Tagless



Pad Printing-
Outside



Flocking



Sock-liner



Upper



Plug-in



Midsole



Footwear



Business Partners :



T.A.O.
Your Trusted Partner.





T.A.O. Bangkok Corporation LTD.

We specialize in Industrial Printing & Decoration

T.A.O. Bangkok Corporation Ltd. is the service provider in Printing, Packaging and Decorative Industries. As the customer-oriented to get end to end approach, we provide the consultation with requirement analysis and completed after-sales services to meet our customers' satisfaction.

Why choosing our services

- Operate and Manage with Quality Management System ISO 9001
- Pre- and After-sales service are available, provided by the skilled personnel and technical support.
- Machine installation and training are provided by team of our specialized engineers.
- Product trainings are provided upon the customers' request.
- On-site service by our technical engineer

The company operates more than 20 years in Thailand and over 6 years in Vietnam with trust from over 18 world-class brands and 300 products that we are the official distributor and well-known by local and international customers.



T.A.O. Bangkok Corporation has been approved for ISO 9001 since 2008. Since then, we are constantly committed to the system.

In 2018 we have been upgraded to ISO9001 version 2015.



Good practice of waste utilization management



Awards for Employees' Good Health Promotion

Get in touch with T.A.O.



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Overview

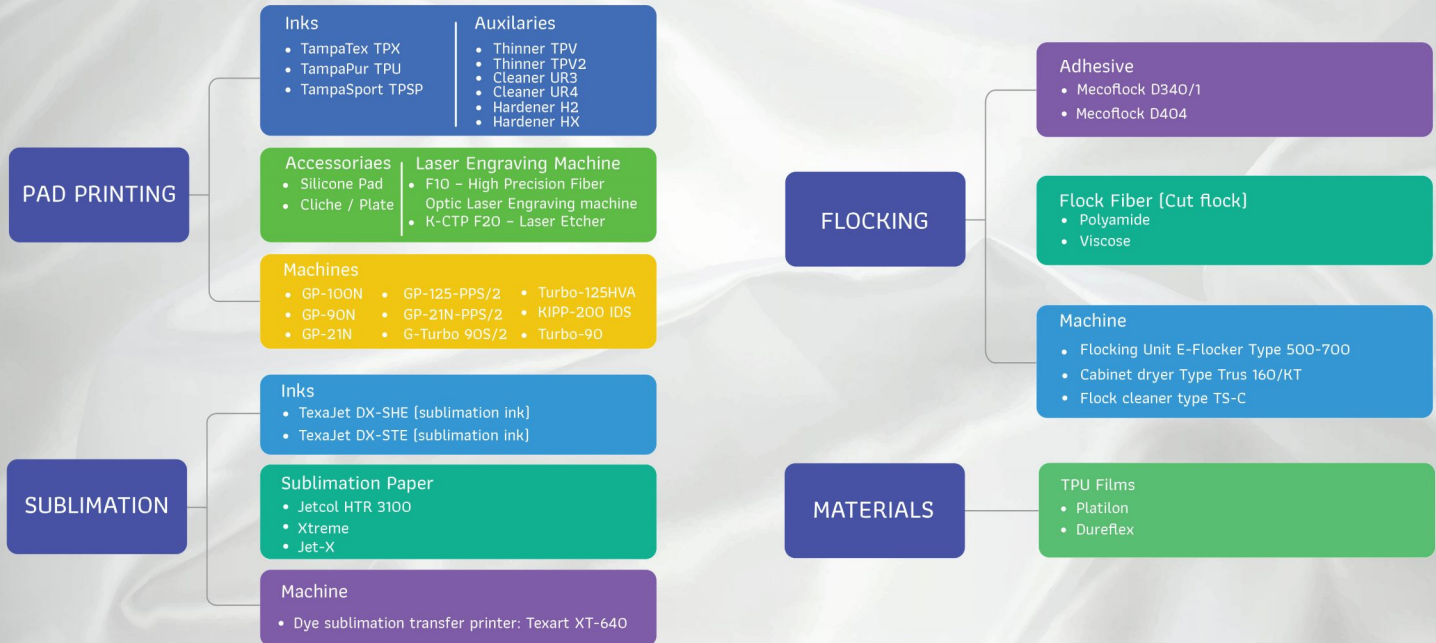
Printing & Decorating Solutions for Textile & Footwear

There are many ways of printing and decorating the Textile & Footwear. Therefore, having the right method, materials, and equipment is essential to give the optimal productivity with cost-efficiency.

We provide the end-to-end solutions with world-class products and services, as well as the consultation with experienced personnel, close cooperation and fast service management to optimize your printing and decorating solutions on Textile and Footwear.

Our packages that should be considering are as the followings.

Solutions



Pad Printing Solutions

The essentials of pad printing process become a firm fixture in the printing landscape. Innovations with pads and clichés, as well as completely automated pad printing systems, have kept pad printing on top as one of the most popular choices for printing and decoration. Suitable for a wide range of applications and substrates, we provide the solutions for the whole process, including Inks & Auxiliaries, Machine, Materials and Supplies.



MARABU Auxiliaries

Thinner TPV

- Printing auxiliary for improving ink flow
- Standard Drying
- Evaporation: 30-50

Thinner TPV2

- Printing auxiliary for improving ink flow
- Fast Drying
- Evaporation: 10-20

Cleaner UR3

- Cleaning agent for screen and pad printing
- Fast evaporation
- Mild odor

Cleaner UR4

- "Solvent Naphta" – free
- Cleaning agent for screen and pad printing
- Mild odor

Hardener HX

- Xylene free
- Non-yellowing, suitable for outdoor applications

Hardener H2

- Fast hardener
- Significantly faster reaction time

MARABU Inks

TampaTex TPX

- Solvent-based 2-component ink, flexible for improved wearing comfort
- High opaque for colored and dark materials
- Very high resistance to washing and ironing

TampaPur TPU

- Solvent-based, high gloss 2-component ink
- Especially suited for critical substrates
- High mechanical and chemical resistances

TampaSport TPSP

- Solvent-based 2-component ink, highly flexible for improved wearing comfort
- Very high resistance to washing and ironing
- Easy Processing for process safety and efficiency



Tested for harmful substances according to Oeko-Tex® Standard 100

Accessories

Silicone Pad

- Wide range of pad shapes and diameter

Cliche / Plate

- Variety of steel and laser plate for pad printing



KENT Laser Engraving Machine

F10 – High Precision Fiber Optic Laser Engraving machine

- 100% designed for "Green Pad Printing"
- Up to 350 lpi resolution of solid prints
- Long printing plate life up to 50,000 prints

K-CTP F20 – Laser Etcher

- Complete computer operable
- Can be used as stand alone or integrated
- Fiber optic YAG Laser



KENT Machines

GARMENT 1-color

GP-100N

- Versatile PLC Control
- Multi language single color automatic pad printer

GP-21N

- Fast speed
- Economy
- Simple tag-less print

GP-90N

- High-competitive with comprehensive functions
- User friendly for printing flatten wide & big textile

TURBO [Industrial]

Turbo-90

- Small machine with wide stand for industrial applications
- Max 80mm diameter printing area with auto pad clean

Turbo-125HVA

- Maximum space for product/image with advantage of auto pad clean function
- Support various ink cup size
- PLC control touch screen panel



KIPP

KIPP-200 IDS

- Powerful print for big image on big product single or multi-color user-friendly automatic pad printer

GARMENT 2-color

GP-125-PPS/2

- Heavy duty
- Powerful force
- 2-color images

GP-21N-PPS/2

- Fast speed
- Economy
- 2-color images

G-TURBO

G-Turbo 90S/2

- 2-color automatic pad printer with Pneumatic pad carriage
- Granite stone machine structure for performance & stability as well as protect our environment



Sublimation Solution

Sublimation Printing on textile presents no limitation to design creativity. It truly stretches the designers' creative freedom to print anything imaginable and on-demand. The quality is also higher as an extensive gamut of colors. Another highlight is speed, due to the flexibility it allows in switching from one pattern to another as well as shorter production times.

We provide the solutions for Sublimation [Digital Textile Printing], which include the sublimation inks [hybrid sublimation ink TexaJet DX-SHE and transfer printing TexaJet DX-STE]. The high-quality sublimation paper and dye sublimation transfer printer are also available to complete your transfer printing solutions.



MARABU Inks

TexaJet DX-SHE [sublimation ink]

- Two-in-one ink system for 2 application techniques: Transfer and Direct Printing
- Intensive colors and deep black for brilliant print results
- Very good light, wash, and perspiration fastness

TexaJet DX-STE [sublimation ink]

- High environmental compatibility (low odor, APEO-free, meets the Oeko-Tex Standard 100 requirements)
- Intensive colors and deep black for brilliant print results
- Excellent color release properties



NEENAH COLDENHOVE Sublimation Paper

Digital sublimation transfer paper which offers consistency, the highest yield, best printability and runnability.

Jetcol The Original

Jetcol HTR 3100 :

Specifically designed to be an all-round sublimation transfer paper. Its main features are easy handling and excellent performance

Jetcol Industrial

Xtreme :

Suitable for not only fashion printing but also for the higher ink coverages for home furnishing, signage and sportswear.

Jet-X :

Developed for the regular water-based sublimation inks as well as sublimation inks with high glycol content. The base structure of the paper and the unique coating guarantee the brightest colors.



STRENGTH AND STYLE

WITH SIMPLY POWERFUL
SUBLIMATION PRINTING



ROLAND Machine

Simply powerful Sublimation printing. Developed specifically for dye sublimation transfer printing, the Texart XT-640 delivers outstanding productivity, exceptional print quality and renowned reliability. Maximize the strength and style of your output across a wide range of applications including sportswear, fashion, soft signage, interior decoration, promotional merchandise and much more.

Dye sublimation transfer printer: Texart XT-640

- Satisfiable Speed & Quality
- Stable Printing
- Reliable Original Texart Ink
- Professional RIP Software
- User friendly



Flocking solutions

The global flock adhesives market is projected to grow, especially the emerging markets of Asia Pacific. Driving factors are the application expansion achieved through the improved quality of flock adhesives and increased demand for coated fabrics and luxury products, as well as the shift in consumer preference toward high-quality and decorative products. We have the optimal flocking products for every application on nearly all substrates that match your demands.

KIWO Adhesive

MecoFlock D340/1

- A Screenable, dispersion-based adhesive
- Connect excellently with the flock coat of the transfer-flockpaper

MecoFlock D404

- A dispersion-based, screenable, 2-component flocking adhesive
- Very good washing and dry cleaning resistance



MAAG FLOCK Machines

Flocking Unit E-Flocker Type 500-700

- For flocking of T-shirts and sportswear in combination with a screen printing carousel

Cabinet dryer Type Trus 160/KT

- Drying textiles, molded parts and other material blanks
- Horizontal air conduction
- Temperature controls with digital display

Flock cleaner type TS-C

- Machine for cleaning flocked textiles
- A combination of vacuuming off with strong turbulence and brush support
- Special air guidance with a strong air flow



FLOCK DEPOT Flock Fiber

Flock fiber – Polyamide / Nylon [Cut Flock]

- Resistant against abrasion and pressure

Flock fiber – Viscose / Rayon [Cut Flock]

- Suitable for packaging and technical applications
- High absorption of water

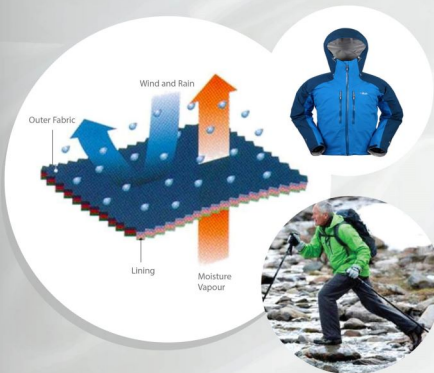


Material For Textile

by COVESTRO

To succeed in the global market, your textiles have to have the right look, feel, and performance attributes. We provide Covestro polyurethane and specialty elastomer film that can be formulated and processed to impart desired characteristics to the laminated textile. Platilon® and Dureflex® thermoplastic polyurethane films have a set position in the manufacturing of apparel and industrial textiles.

We have the solution to enhance the value of your desired products.



Breathable Cloth

Breathable membranes are used in sports, leisure and rain jackets, protective clothing, footwear and gloves, our membrane films impart many important comfort characteristics into your product.

Process : Adhesive [reactive glue] bonding between: Textile / TPU film / Lining

TPU selling point : Breathability property of hydrophilic film

TPU Solution : Platilon® M

Seam Sealing & Seamless Seal

TPU Films are used to seal textile seams, thus making sure that jackets or trousers are and remain watertight.

Seam Sealing

Process : Hot air welding (L side with textile / H side not be molten)

TPU selling point : Waterproof with easily control sealing process as combination of high(H) melting barrier layer and low(L) melting adhesive layer

TPU Solution : Platilon® HL 9007

Seamless Seal

Process : Hot air welding OR Heat roller

TPU selling point : Easy sealing

TPU Solution : Platilon® H



Label

Emblems or labels laminated with hot melt films can be reliably applied to clothes using an iron or shoes tongue using heat press machine.

Process : Hot air welding OR Heat roller

TPU selling point : Easy sealing

TPU Solution : Platilon® H / Dureflex®



Flexible Electronic

Expandable circuit boards with flexible copper conductor tracks

- Laminate copper-film on TPU film
- Photolithography and etching
- Result : flexible conductor tracks
- Application of solder resist
- Laminate pre-punched TPU film with open component positions to be soldered
- Apply surface finish & solder component

