

YOUR EXPERT IN TECHNICAL TEXTILE !



TECHNICAL TEXTILE & FABRIC FOR DIGITAL PRINTING

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SOTex™

Soyang is the leading supplier of technical textile & fabrics for digital printing and industrial application based in China. With more than 10years experiences in technical textile industry, we insist committing ourselves to stable manufacturing and new products developing all the time.

soTex™ is one of the important textile series for digital printing, which covers dye sublimation/direct disperse fabrics, UV fabrics, solvent fabrics and Latex fabrics.

It is the mission of **soTex™** to maintain excellent quality and service to our customers while have been at the forefront of providing fabric solutions to satisfy the various needs and inquires from worldwide markets.



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SOYANG house-made fabrics Sotex[®] have grand format up to 3.2m (126"). Our 66,000sq.m (790,000 sq.ft) facility is home to knitting&weaving lines, laminating lines and coating lines. The full staff oriented quality consciousness for a complete support on textile solutions with responsible production, innovative integration and customization.



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- ◆ From yarn warping , weaving to cutting and packing, Sotex[®] is under the whole course quality control.
- ◆ Most of Sotex[®] fabrics have different certificate of Flame Retardant and meet USA NFPA 701, German B1 standard.
- ◆ Our in house product development system is customer driven. We can create constructions for woven, knits and non-woven.

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Trade show Exhibit Industry includes a wide variety of applications for fabric usage.

Pop-up Displays and Back Drops: Wrinkle resistant fabrics (ST-113 Heavy Knitted, ST-138 Soft Knitted, ST-131 Back Drops fabric, ST-116 Display Fabric, ST-133 Premium Satin Banner, ST-208 Ultra White Blockout Fabric)

Backlit Textiles: Promote light disperse (ST-103 Premium Backlit, ST-128 Light Box Fabric, ST-601 Samba Tex, ST-105 Triple White Fabric)

Geometric Shape: Stretch fabric (ST-140 Power stretch fabric)

Trade show Exhibit Industry

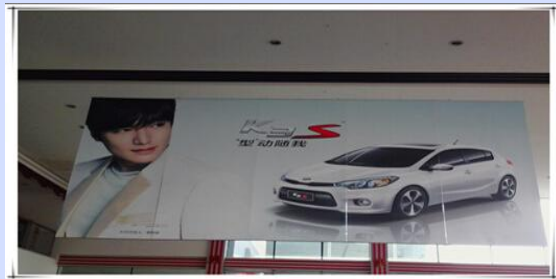


Fabric Markets for Digital Printing

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Events Industry



Events Industry takes many forms like festivals, promotional activities concerts and hospitality.

Promotion Tent: Using coated fabric for waterproofing outdoors (ST-301 Tent Fabric, ST-302 Super Tenacity Tent Fabric)

Street Banner: Weather resistive fabrics (ST-110 Popular Flag, ST-124 Satin Flag, ST-150W Woven Satin Flag, ST-201 Blackout Fabric)

Inflatable Fabric: Air –tight fabrics (ST-501 Super Light Inflatable Fabric)

Space Dividers:
(ST-107 Poly Poplin, ST-029 Poplin PES)

Fabric Markets for Digital Printing

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Flag and Outdoor Advertising Industry is a huge market. Fabrics is used exclusively for flags and has many uses in outdoor advertising.

Warp knit Flag: Excellent double penetration effect (ST-110 Popular Flag, ST-112 Super Light Flag, ST-118 Mesh Flag)

Satin Flag: Great definition on all colors with super glossy Appearance (ST-124 Satin Flag, ST-150W Woven Satin Flag)

Blockout liner: Silver flag liner (ST-205 Reflective Silver Blockout Fabric)

Flag and Outdoor Advertising Industry



Fabric Markets for Digital Printing

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Retail Advertising is a fast growing market for textile use.

Window Graphic: Anti-curl hanging fabric or allow visual graphic without blocking views
(ST-333 Blockout Tex, ST-106 Poly Silk)

Banner Stand: Anti-curl textile (ST-113 Heavy Knitted Fabric, ST-011SJ)

Retail Advertising



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Art & Indoor Decoration Industry use fabric and digital printing to recreating artwork.

Frame Fabric: Soft and slightly stretch (ST-138 Soft Knitted Fabric, ST-113 Heavy Knitted Fabric, ST-116 Display Fabric)

Fine Art Canvas: Polyester or Cotton canvas (ST- 024SJ Poly Cotton Canvas, ST-025SJ Fine Art Cotton Canvas Standard ST-026 Fine Art Cotton Canvas Nature)

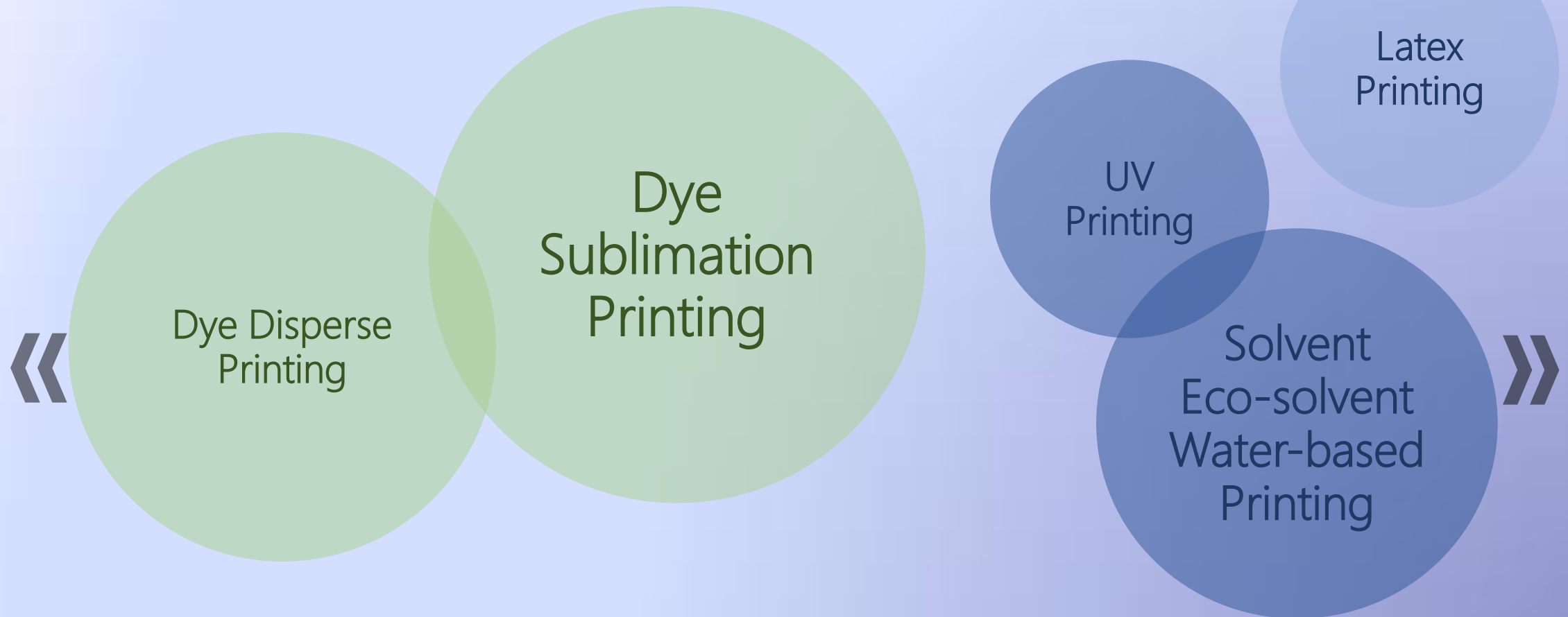
Art & Indoor Decoration Industry



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Fabric Printing Technologies



Fabric Printing Technologies

Dye Sublimation Printing

Dye Sublimation Printing is a method for imaging fabric with dispersed dye. The design is transferred from preprinted paper onto the fabric by contact heat, which causes the dye to sublime. Having no affinity for paper, the dyes are taken up by the fabric.

This method produces the most stable quality of print. Images are well-defined, colors pop and detail is exact. Sublimated image are extremely washable and scratch resistant because the image is produced within the yarn.

Dye Disperse Printing

In this method of printing, the image can be cured in the fabric as it exits the printer. Additionally this would eliminate the need for a transfer print machine to set the inks in place and also the need for transfer paper.

One other advantage worth noting here is that the penetration of the color to the back side of fabrics, particularly in light and medium weight fabrics are superior to the traditional transfer method. As in most other methods of digital printing, these fabrics are suitable for both indoor and outdoor applications.

Fabric Printing Technologies

UV Printing

This method allows direct printing on media without special coating on top of fabrics . Therefore it creates advantages both in turnaround time and cut back on human error and cost of media.

Today, the roll- to-roll technology is accessible , which makes textiles even more attractive for UV printing. Currently, textiles are available up to 5meters. Using UV curable inks, the printers have the ability to print on a wide array of substrates, giving users greater versatility and additional product offerings.

Solvent/Eco-solvent/Water-Based Printing

Direct inkjet printing eliminates the use of paper and enables printing directly onto specially coated fabrics. No post treatment is necessary and the inks dry instantly so that no special handling is needed. When coatings are applied it allows for higher resolution digital imaging on various textiles substrates. Two different ink technologies exist for direct inkjet printing: Dye/Pigment-based inks and Solvent-based inks. Dye-based and pigment-based ink systems are aqueous, meaning they are water-based. They are best for indoor use and need to be laminated if outdoor use is required. Solvent-base inks have the ability to dissolve, suspend or extract other materials without causing a chemical change to the material or solvent. Therefore, these inks offer higher durability and are recommended for outdoors use. With the technology of printing software and profiles, the gap is narrowing on the quality of prints produces from direct printing versus sublimation printing.

Latex Printing

The Newest print technology is direct printing using Latex inks. This method eliminates the tradeoffs between solvent and water-based inks . A few of the many benefits includes: outdoor durability , low costs with the use of uncoated media, odorless prints, low maintenance and environment benefits such as no special ventilation needed and the use of non combustible inks. Direct printing gets rid of the transfer process, no extra machinery or transfer paper is necessary, saving both time and money.

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SOTEX Fabric Substrate for Digital Printing

Item	Product Name	Flag	Back- lit	Light Block-ing	Double	Exhibit Graphi	Roll Up	Banner	Arch- itectura	Tents	Table Cloth	Inflat- able Fabric	Art and Decoratio	Dye Sub	Dye Dispers	Direct Inkjet	UV	Latex
Dye Sub Series																		
ST-110	Popular Flag	★												○	○		○	
ST-111	Premium Flag	★												○	○		○	
ST-112	Super Light Flag	★												○	○		○	
ST-118	Mesh Flag	★												○	○		○	
ST-106	Poly Silk	★												○	○		○	
ST-124	Satin Flag	★												○	○		○	
ST-160W	Woven Satin Flag	★												○	○		○	
ST-103	Premium Backlit Fabric		★			★							★	○	○		○	
ST-601	Samba Tex		★											○	○		○	○
ST-128	Light Box Fabric		★			★		★						○	○		○	○
ST-106	Triple White		★			★							★	○	○		○	○
ST-113	Heavy Knitted Fabric					★	★		★					○	○		○	○
ST-131	Backdrops Fabric					★	★		★					○	○		○	○
ST-138	Soft Knitted Fabric								★					○	○		○	○
ST-140	Power Stretch Fabric								★					○	○		○	○
ST-107	Poly Poplin					★		★	★					○	○		○	○
ST-116	Display Fabric					★		★					★	○	○		○	○
ST-133	Premium Satin Banner					★		★						○	○		○	○
ST-200	Dye Blockout textile			★	★									○	○		○	○
ST-201	Blockout Fabric			★			★							○	○		○	○
ST-203	Super Smooth Blockout Fabric			★			★							○	○		○	○
ST-208	Ultra White Blockout			★	★				★					○	○		○	○
ST-206	Reflective Silver Blockout Fabric			★										○	○		○	○
ST-301	Tent Fabric									★				○	○	○	○	○
ST-302	Super Tenacity Tent Fabric									★				○	○	○	○	○
ST-601	Inflatable Fabric										★			○	○		○	○
ST-136	Table Cloth										★			○	○		○	○

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Coated Polyester Series																		
ST-001	Art Fabric												★			○	○	○
ST-004	Matte White Canvas												★			○	○	○
ST-006SJ	Polyester Canvas Banner Light												★			○	○	○
ST-006SJ	Polyester Canvas Banner 600D							★					★			○	○	○
ST-007	Polyester Canvas Banner Standard							★					★			○	○	○
ST-008	Polyester Canvas Banner Premium							★					★			○	○	○
ST-009SJ	Polyester Canvas Banner Economic							★					★			○	○	○
ST-011SJ	Polyester Canvas Banner G/B						★	★					★			○	○	○
ST-012SJ	Polyester Canvas Flag Light	★														○	○	○
ST-013	Non-Woven Canvas						★	★					★			○	○	○
ST-029	Poplin PES					★		★								○	○	○
ST-030	Golden Canvas												★			○	○	○
ST-031	Silver Canvas												★			○	○	○
ST-033	Post Tex				★								★			○	○	○
ST-333	Blockout Textile			★				★					★			○	○	○
Coated Cotton Series																		
ST-010	Fine Art Cotton Canvas Light												★			○	○	○
ST-024SJ	Fine Art Poly Cotton Canvas												★			○	○	○
ST-025SJ	Fine Art Cotton Canvas Standard												★			○	○	○
ST-026	Fine Art Cotton Canvas Nature												★			○	○	○
ST-027	Fine Art Cotton Canvas Premium												★			○	○	○

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THANKS

G O O D B Y E

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