

## **Aaryan Sourcing**

### **Print & Embroidery**

At Aaryan Sourcing, we produce fabrics crafted for exceptional printability. Our materials have a smooth, even surface to ensure sharp, vibrant results with any decoration method—whether screen printing, DTG, sublimation, or embroidery. Through rigorous testing, we optimize every fabric for superior ink adhesion, color durability, and wash resistance. Constantly innovating, we adapt to the latest printing technologies and collaborate with skilled testers to deliver unmatched quality. Your designs deserve the best—our fabrics make them shine.

For more information on print & embroidery pls visit our website

[aaryansourcing.com](http://aaryansourcing.com)



## Screen printing



### SCREEN PRINTING

Screen printing offers vibrant prints with durable, high-quality results, using a stenciled mesh screen to apply ink onto the fabric.

Screen printing is a popular method for transferring designs onto garments. It involves using a mesh screen and a squeegee to push ink through the screen onto the fabric, creating a sharp, vibrant print. This technique is ideal for large batches and works well with a variety of materials. It's widely used for custom T-shirts, posters, and other textile applications.

## Plastisol screen printing



Plastisol screen printing uses a thick, opaque ink that sits on top of the fabric, creating a raised texture and a vibrant finish. Its durability is a standout feature, making it ideal for designs that need to withstand wear and repeated washes. Plastisol prints are commonly used on apparel such as T-shirts, hoodies, and promotional products, providing a long-lasting solution for your designs.

*Plastisol printing requires a smooth surface, so we recommend all our products except fleece & padded articles.*

## Water-based screen printing



Water-based screen printing uses an eco-friendly ink that soaks into the fabric rather than sitting on top of it. This creates a soft, breathable finish with vibrant, detailed designs. It's often preferred for its environmental benefits and comfortable, lightweight feel on garments like T-shirts and hoodies. Ideal for soft, natural prints, it's a popular choice among brands, making it a part of a larger movement towards sustainability.

*We recommend this environmentally friendly and water-based screen printing on 100% cotton, our popular cotton-elastane shirts, and all our sweat products.*

## Discharge printing



Discharge printing is a technique that removes the dye from the fabric, replacing it with the desired ink color. The result is a soft, smooth design that becomes part of the fabric, ensuring high-quality results. This method is great for achieving detailed, vibrant prints on dark fabrics, offering a vintage, worn-in look with a breathable feel. It's often used for high-end fashion and specialty garments, a testament to its quality and assurance.

*The discharge process requires the same fabric compositions as water-based screen printing, but not every color is suitable.*

## Embroidery



Embroidery with needle and thread can be a finishing option for almost all textiles.

**Embroidery** decorates fabric or other materials using a needle to apply thread or yarn. The process involves creating a design on the fabric, securing it in an embroidery hoop, and then using a variety of stitches to fill in the design. These stitches can range from simple straight lines to more complex patterns. It can also include embellishments like beads, sequins, and pearls. Traditionally done by hand, modern embroidery is often completed using specialized machines for faster and more consistent results.

Embroidery, a widely used technique in fashion, home décor, corporate branding, and personalized gifts, adds a professional touch to any item. Whether it's logos on uniforms, monograms on towels, or decorative patterns on clothing, the durability and elegant appearance it brings make the items stand out with confidence.

We can especially recommend all our jackets, whether fleece, softshell, or nylon. But also, our sweat products are perfect for embroidery. In general, we can recommend all fabrics that weigh more than 145 g/m<sup>2</sup>.

## Transfer printing



Transfer printing, a professional-grade fashion, involves using heat to transfer a design from a special paper onto fabric. The design, created with a heat-sensitive essay, is also pressed onto the fabric using high heat and pressure. This system allows for intricate, full-color designs and is ideal for creating detailed prints on both light and dark fabrics. Its professional use in custom gestures and promotional products instills confidence in its effectiveness and quality.

We recommend transfer on all our products.

## Sublimation printing



Sublimation printing, a process where heat transfers dye onto fabric, turning the dye into gas without passing through a liquid state, results in vibrant, full-color designs that are absorbed into the fabric. These colors are not only vibrant but also long-lasting and resistant to fading or cracking, making the visual impact of sublimation printing truly exciting. It's ideal for polyester fabrics and is often used for custom sportswear, apparel, and promotional items.

A polyester layer is required for this, which is why we can recommend all our polyester sports shirts. As sublimation printing does not provide sufficient opacity on dark textiles, we only recommend light colors for sublimation.

## Direct to garment



Direct Garment (DTG) printing involves printing designs directly onto fabric using a specialized inkjet printer. The fabric absorbs the ink, creating sharp, high-resolution prints with a soft feel. DTG is perfect for detailed, full-color designs and works best on cotton fabrics. It's ideal for small batches or custom orders, offering flexibility and, importantly, quick turnaround times that enhance productivity.

*We recommend DTG on 100% cotton, our popular cotton-elastane shirts, and all our sweat products.*

## Direct to film



Direct-to-film (DTF) printing is a process that involves transferring digital images directly onto film. This technique is widely used in industries such as apparel printing, particularly for creating custom designs on t-shirts. One of the key benefits of DTF printing is the high-quality and durable results it provides. The digital file is first printed onto a special film, which is then used to transfer the image onto various surfaces.

*We recommend DTF on all our products.*

## Tie-Dyeing



Tie-dye printing is a technique that celebrates individuality. It involves folding, twisting, or pleating fabric and then applying dye in various patterns. The result is a vibrant, multi-colored design with swirls, spirals, or geometric shapes. This method creates a unique, artistic look on textiles, making each piece one-of-a-kind. Tie-dye is commonly used on t-shirts, scarves, and other clothing items, giving them a bold and energetic appearance that sets them apart.

## Rotary Screen Printing



Rotary Screen Printing is a high-speed industrial textile printing method that produces vibrant and durable designs. It uses cylindrical screens that rotate to apply these designs onto fabric. Each screen is dedicated to a single color, allowing for the creation of complex, multi-colored patterns. This method is particularly well-suited for mass production and is widely used in the apparel, home textiles, and technical fabrics industries. However, its significant setup requirements make it less suitable for small batches.