



Experts in ink technology

Achieve more with inks that give the edge
in quality, value, and design creativity

spgprints®



Printing tomorrow.

Better performance with SPGPrints' digital textile inks

When outstanding results matter, rely on SPGPrints' ink technology. No matter which print head is used, our inks are specially formulated to deliver optimum performance on all leading digital printing systems and fabrics employed in textiles today.

In-house development and production allow us to offer inks with unrivalled print quality and runnability that add value to your business. Our inks guarantee unattended printing without nozzle blockages or print head failures while adhering to the highest standards and legislation on sustainability.

Digital inks for all major industrial print heads and fabrics

When SPGPrints introduced digital textile printing equipment to the industry in 1991 it became immediately clear that a dedicated digital textile ink solution was required.

It is the combination of the printer, the printhead, the inks and the fabric that make (or break) a good printing application. As we have extensive knowledge of all these aspects, we are clearly in a perfect position to develop and produce the best digital textile inks possible.

We operate a complete modern production site for digital textile inks. All inks are developed in house by our dedicated R&D team. This team works closely with the production department and our product developers. Each batch of ink is manufactured following a recipe that is fine-tuned to adhere to narrow tolerances from batch to batch. This guarantees

perfect automatic colour control during printing, even if the printing order is split over multiple printers.

Besides the inks for our own devices, we produce inks for all different types of industrial print heads that are used in a variety of digital textile printers today.

COMPLETE RANGE OF INKS

- For all leading print heads and fabrics
- In 3 performance levels
- High density and wide colour gamut
- Superior runnability

Finding the right ink for the job

Step 1 Assess the application

The fit between ink and fabric is very important. On which type of fabric are you going to print and what requirements you have for colour brilliance or fastnesses? SPGPrints offers the right ink for all applications:

- **REACTIVE**
for printing on all natural fibres
- **ACID**
for printing on polyamide lycra, wool and silk
- **SUBLIMATION**
for printing through transfer paper onto polyester
- **PIGMENT**
for all possible fabrics, especially blends

Step 2 Match your technology

SPGPrints has developed five different ink formulations for each chemistry to ensure perfect runnability in your digital printer that uses specific inkjet printheads as all common industrial inkjet printheads require their own specific physical parameters. The formulations of the five ink ranges are optimized to ensure a long printhead life without the risk of corrosion or blockage of the printheads. Which ink to choose is simply decided by sharing the brand and model of your digital printers with one of our application specialists and we will advise the correct ink range to select.





Step 3 Find the best fit in colour richness and application

There is an appropriate ink solution for every demand. After all, the optimal mix of colour intensity and economics is defined by the application. It is quite a difference if you are printing fashion or home decor designs and whether you are printing for a brand or manage your own collection.

That is why we have created three different performance levels for our most used inks that you can mix and match to suit your applications. We named these levels after the most colourful animals in nature: butterflies. Pasha, Morpho and Alcon ensure that every print job has the desired quality at the right costs.

 Pasha <i>The perfect balance between performance and value</i>	 Morpho <i>The perfect solution for demanding applications</i>	 Alcon <i>Where outstanding performance and brilliant colours are required</i>
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Step 4 Pick all the right colours

The fashion market wants deeper, richer colours: darker blacks, hotter pepper reds, bottomless navy blues, brighter oranges, and vivid yellows. All these challenging fashion colours can be printed with the digital SPGPrints inks through the wide range of Deep and Absolute Black (VS and MCT), Cyan, Magenta, Yellow, Blue, Orange, Red and Grey. For some chemistries there are special colours available like Pepper Red, Green and even a special penetration fluid, especially developed for through print where the image quality on the backside of the fabric matches the front side.



N►RICH
Technology

N►RICH Technology: Better ink for a better planet

Based on our know-how and experience from 30 years of ink development, SPGPrints' experts are continuously developing digital textile printing inks. Offering maximum colour efficiency and made with the best available dyes. But in addition to quality, sustainability is more important than ever.

That's why we prepare our inks for the future. When selecting ink components, we take all known substances from all major brand RSL's (Restricted Substance List) into account. This way, all guidelines such as Eco Passport (Oekotex), GOTS and ZDHC are being met.

N►RICH technology is how we produce our benchmark quality digital printing inks for textile in a sustainable way.

Global network assuring the highest levels of support

Thanks to SPGPrints' global presence, we understand local market needs and leverage our strengths through an international network of global manufacturing facilities and a distribution foothold in more than 100 countries. We set industry standards in technology, product performance and service.

Find out how the right inks enhance the productivity of your printer. Our specialists are pleased to advice you about the possibilities of our digital inks for your business. Please contact us to find out if our inks run on your printer.

About SPGPrints

Throughout our unique history, SPGPrints developed into an internationally acknowledged authority in textile printing, dedicated to bringing colour to the world. In recent years, our unique rotary screen printing concept allowed us to move beyond textile printing and offer solutions for labels, banknotes, COVID-19 testing strips, and more. And while still a distinct leader in rotary printing, we have also become a pioneer and a key player in the market for digital printing. In 1991 we were the first in the industry to launch a digital textile printer. Not much later we started producing ink for all leading digital technologies. Over the years, we have been awarded over 300 patents and we have built an international network in more than 100 countries. These days our focus on innovation is as strong as ever with taking care of our planet as a constant priority. We take pride in putting our customers first, letting their ambitions inspire us, and deploying our expertise, resources and network to help them to achieve their goals. Our solutions are designed to empower customers worldwide in all stages of the printing process; from pre-press to printing, from textile to industrial – and beyond. That is the global impact of a global player.

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