

**PAINTS & COATINGS**

# PIGMENT INKS FOR TEXTILES

Water-based inkjet inks for printer manufacturers (OEMs), brand owners and integrators



**ZSCHIMMER & SCHWARZ**

# PIGMENT INKJET INKS FOR TEXTILES

Zschimmer & Schwarz provides industrial textile pigment inks and ink consulting for equipment manufacturers such as manufacturers and integrators of printers as well as for brand owners.

Our inkjet inks are universally applicable, ready-to-use printing solutions for a variety of textile fibres such as cotton, polyester, blends or special materials. Our inks guarantee an easy, short and eco-friendly process and thus offer a decisive advantage. They are designed for direct printing on textiles and combine a reliable printing performance with easy handling and cleaning. Zschimmer & Schwarz inks are fully compatible with standard industrial piezo-electric printheads and drying technologies.

Our wide range of colour shades impress with high colour brilliancy as well as outstanding fastness to washing and rubbing. To support our customers, we offer full-service ink and inkjet process consulting, ink development and manufacturing of tailor-made inkjet inks.

## BENEFITS

- ▶ One ink for different substrates (cellulosics, blends cellulosics/polyester, polyester, polyamide, aramide and special materials such as glass fibres or genuine and artificial leather)
- ▶ No priming on cellulosics required (additional priming possible to improve depth of shade, brilliancy and contour sharpness)
- ▶ Reliable printing performance, easy handling and cleaning
- ▶ Outstanding lightfastness
- ▶ Outstanding fastness to washing (even after 25 washes at 60 °C)
- ▶ Excellent rub fastness
- ▶ Soft touch compared to competitor pigment inks
- ▶ Available for different printheads such as Epson, Fujifilm Dimatix, Konica Minolta, Panasonic, Ricoh or Seiko
- ▶ Excellent ink dispersion stability with a shelf life of up to 12 months (no need for circulation printhead technology)
- ▶ Compliant with GOTS and STANDARD 100 by OEKO-TEX®
- ▶ Available as ink set passing tests for in vitro cytotoxicity for biological evaluation of medical devices

## AVAILABLE SHADES

Cyan	Magenta	Yellow	Black
Light Cyan	Light Magenta	Green	
Blue	Scarlet	Orange	

## FASTNESS VALUES

In-house trials on 100% cotton woven without any priming.

	LIGHT (XE Lamp, 72h)	WASH (ISO 105-C03)	RUB (ISO 105-X12)		PERSPIRATION (ISO 105-E04)	
			Dry	Wet	Alkaline	Acid
Pigment Inks	8	5	≥ 4	≥ 3 – 4	5	5