Primming and specialities for polyester fashion

Polyester is a key material in the apparel sector, especially for fashion and sportswear. The combination of priming, inks and finishing is essential to achieve the high printing quality required for fashion items. The basic components for priming include a rapid wetting agent and a thickener with a contour-sharpness improver and pH adjusted to 4–4.5.

PRIMING

**DIAMONTTEX AF-U**
- Acrylamide-free thickener for polyester
- Very good colour yield and high brilliancy

**DIAMONTTEX PIX**
- Print sharpness improver for digital printing with disperse inks

**DIAMONTTEX PAD-U**
- Special wetting agent for digital printing which decreases surface tension and improves penetration

**DIAMONTTEX SETAC**
- Special pH buffer for digital printing with disperse inks on polyester

INFLUENCE OF DIAMONTTEX PIX
The comparison shows a significant prevention of ink bleeding, especially with sharp contours and motifs with high-resolution, by using DIAMONTTEX PIX in the priming.

Standard priming

![Image of standard priming]

Priming with DIAMONTTEX PIX

![Image of priming with DIAMONTTEX PIX]
**DIAMONTEX CLEANER**
- Cleaning agent for digital printing machines

**DIAMONTEX SOFT**
- Softener for permanent finishing of digitally printed textiles

**DIAMONTEX HYDRO**
- Hydrophilic, moisture regulating softener for digitally printed textiles

**DIAMONTEX CD-PE**
- Colour deepening agent which increases colour yield, improves antistatic properties and gives hydrophilic properties

**FINISHING**

**DIAMONTEX SUBLIMATION INKS**
- Water based sublimation inks for transfer or direct digital printing
- Exceptional transfer rates with excellent colour fidelity and high contour sharpness
- Reliable performance regarding wash and perspiration fastness

**PRINTING**

- Cleaning agent for digital printing machines