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SMART CHEMISTRY WITH CHARACTER.

TUBIJET® D

Product Portfolio, Process and Recipes for Digital Disperse Printing

TUBIJET® D – MORE BRILLIANT!

Digital disperse printing is the preferred printing technology for POLYESTER SUBSTRATES. Recommended for a wide range of applications in large format printing for advertising, home decoration, outdoor and automotive applications.

For DIGITAL DISPERSE PRINTING we recommend the use of high-quality fabrics. In particular, the washing out of spinning oils and prefixing at high temperature are important for consistent high print quality. Our TUBIJET® D primers then provide a homogenously printed images and a considerable improvement in fastness properties.

Products of the TUBIJET® D series are IN ACCORDANCE WITH OEKO-TEX®, GOTS, bluesign® and Zero Discharge of Hazardous Chemicals (ZDHC). They are free of formaldehyde, alkylphenol ethoxylates (APEO), adsorbable organic halides (AOX) or heavy metals like tin.

The final application determines the process:

A) Apparel / with Afterwash

For apparel it is essential to wash off the process chemicals to provide an optimum in soft handle and eliminate all unfixed dyestuff. If you wash after printing, you need primer components such as TUBIJET® DU 02. An additional wetting agent like TUBIJET® WET R 107 provides an optimum wetting of voluminous substrates.

With afterwash	
TUBIJET® DU 02	125 g/l
TUBIJET® WET R 107	1 g/l

Afterwash	g/l ml/l	Temp.
Water		30 °C
PRINTOBLANC P 300 Sodium hydroxide solution 30 °Bé Hydrosulfite	1.0 4.0 2.0	60 °C
PRINTOBLANC P 300 Sodium hydroxide solution 30 °Bé Hydrosulfite	0.5 2.0 1.0	70 °C
PRINTOBLANC P 300	0.5	60 °C
Water		40 °C
Acetic acid 30 %	1.0	30 °C

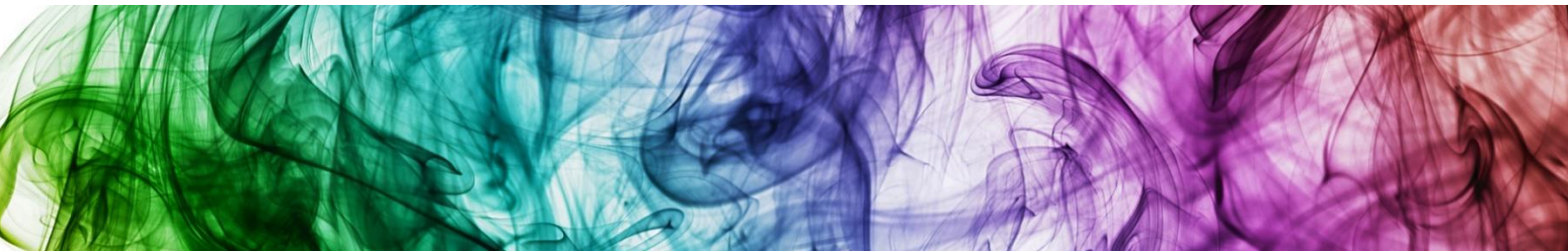
B) Technical Applications / without Afterwash

For print products without an afterwash process, salt containing or cationic primers such as TUBIJET® VDK or TUBIJET® SHARP D 201 keep the ink on the surface and inherently improve flame resistance.

Without afterwash	
TUBIJET® VDK	80 g/l

For dense woven fabric	
TUBIJET® SHARP D 201	80 g/l

If you have questions, please Contact Us! We gladly support you with our technical know-how and our experience.



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Version 06/2025

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