



Textile Printing



TEXPRI 33-24 (TEXILAC DISCHARGE FF)

Code N° 995275

PRODUCT DESCRIPTION

Two-component water-based ink for discharge textile printing.
Formaldehyde-free ink

APPLICATION FIELDS

Discharge textile printing. For ready-to-wear or pre-cut articles.



APPLICATION PROCESS

Substrates	<ul style="list-style-type: none"> Cotton 100% The substrates must be dyed through dischargeable dyes
Th/cm	Max. 55 (140 Th/Inch)
Emulsion	<ul style="list-style-type: none"> QUADREX ZERO - IN ASTRA ZERO - IN UNIVERSAL PLUS
Squeegee	Square edge Squeegee hardness 60 - 65 Shores
Curing	170°C -180°C for 3 minutes
Thinner	In case, max 2% Water
Discharging agent	Max 10% TEXPRI 33-CA (TEXILAC CORRODENTE FF)
Pigments	<ul style="list-style-type: none"> TEXILAC COLORANTI (max 5%) ECOTEX P PIGMENTI (max 5%) Both must be selected
Thickening agent	In case, max 1% TEXILAC ADDENSANTE 346 NEW
Retarder	In case, max 3% TEXILAC RITARDANTE or UREA
Cleaning	Water or SCREENCLEAN ST
Storage	<ul style="list-style-type: none"> Away from direct sunlight At a temperature between 15-35°C
Package	See the PRODUCT RANGE table
Safety Data Sheet	Available upon request

GENERAL FEATURES

- Formaldehyde-free
- Very soft touch
- Bright colours
- Good wet-on-wet printability
- The printed article does not require washing, before wearing

PREPARATION:

Two-component ink. **TEXPRI 33-24 (TEXILAC DISCHARGE FF)** must be mixed with 6-10% **TEXPRI 33-CA (TEXILAC CORRODENTE FF)**.

The mixture pot-life is about 4 hours. This time may vary, according to the environmental printing conditions: high temperatures and humidity may reduce it.

TEXPRI 33-24 (TEXILAC DISCHARGE FF) may be pigmented through 5% **ECOTEX P** or **TEXILAC COLORANTI**, selected for discharge printing (see the related colour chart). It is recommended to prepare the colour mixture **TEXPRI 33-24 (TEXILAC DISCHARGE FF) + ECOTEX P** or **TEXILAC COLORANTI** in advance, and then, when the time for printing comes, add 6-10% **TEXPRI 33-CA (TEXILAC CORRODENTE FF)**, under agitation, in order to better homogenize the paste.

After adding the discharging agent, it is recommended to wait about 10 minutes, before starting printing.

APPLICATION:

Always check that the fabric has been dyed through corroding dyes. The printing sequence is not particularly important: it is recommended to print the dark colours first, in order to keep the brightness of the final effect. It is recommended to regulate the out-of- contact and the squeegee pressure at their best, according to the drawing. **TEXPRI 33-24 (TEXILAC DISCHARGE FF)** is indicated for wet-on-wet printing.

CURING:

The printed fabric, still wet, must be cured into oven at 170°C -180°C for 3 minutes.





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SPECIAL INSTRUCTIONS

- Always test the printing characteristics, before starting production.
- Always check curing conditions. The addition of additives could require higher temperature or longer time.
- It is recommended to add small quantities of printing paste in the screen. Such additions allow to keep the ink cool, getting round the possible tone changing from the beginning of the printing cycle to its end.
- The prints, that have been cured, according to the indicated application conditions, have good solidities to home washing (40°C, delicate clothes).
- Whitening of the prints after washing may be easily caused by the **fibrillation** phenomenon (according to the kind of fabric used) rather than by scarce washing solidities of the printed product. Check if the substrate is dischargeable or not, and use the right inclination of the squeegee, in order to obtain the best ink deposit.

PRODUCT RANGE

CODE	TEXPRI	PACKAGE
996275	33-24 (TEXILAC DISCHARGE FF)	5 Kg
996276	33-CA (TEXILAC CORRODENTE FF)	0,400 Kg

EQUIPMENT

Indicated for using with automatic, semiautomatic and manual machines.

IMPORTANT NOTE

The information given in this technical sheet is not intended to be exhaustive and any person, using the product for any purpose other than that specifically recommended in this sheet without first obtaining written confirmation from us to the suitability of the product for the intended purpose, does so at his own risk.

While we endeavour to ensure that all advice we give about the product is correct, we have no control over either the quality or condition of the substrate or the many factors affecting the use and application of the product.

Therefore, unless we specifically agree in writing to do so, we do not accept any liability whatsoever or howsoever arising for the performance of the product or for any loss or damage arising out of the use of the product.

The information contained in this sheet is liable to modification from time to time in the light of experience and our policy of continuous product development.

WARNING

This technical data sheet does not replace either the Safety Data Sheet or the specific Conformity Declaration. These documents may be required to our SHEQ (Product safety office), at the following e-mail address: safety@kian.it

The technical data sheet does not relieve the printer, who remains the only responsible of the respect of the regulations, the specifications and the related required certifications of the finished items.