



Textile Printing



TEXILAC POLIMER 2000

Code N° 168702

PRODUCT DESCRIPTION

Water-based transparent and self-curing ink for textile printing



APPLICATION FIELDS

Textile direct printing. For ready-to-wear and pre-cut articles.

APPLICATION PROCESS

Substrates	<ul style="list-style-type: none"> Cotton 100% The substrates may be white or dyed with pastel colours
Th/cm	Max: 90 Th/cm (230 Th/inch)
Emulsion	<ul style="list-style-type: none"> ZERO - IN ASTRA ZERO - IN UNIVERSAL PLUS
Squeegee	Squeegee edge and hardness depending on the desired final effect
Curing	At room temperature for 72 hours
Thinner	In case, max 2% Water
Thickening agent	In case, max 1-2% TEXILAC ADDENSANTE 162
Pigments	<ul style="list-style-type: none"> TEXILAC COLORANTI (max 5%) ECOTEX P PIGMENTI (max 5%)
Retarder	<ul style="list-style-type: none"> 5% TEXILAC RITARDANTE
Fixing agent	In case, 2% ECOTEX FIX 50
Cleaning	Water or SCREENCLEAN ST
Storage	<ul style="list-style-type: none"> Away from direct sunlight At a temperature between 15-35°C
Package	1, 5 and 50 Kg
Safety Data Sheet	Available upon request

GENERAL FEATURES

- It doesn't require curing into oven
- Very soft touch
- High printability
- Indicated for four-colour process printing
- Excellent wet-on-wet printability

PREPARATION:

Ready-to-use ink.

If an increase in general fastness is desired, it is possible to add 2% **ECOTEX FIX 50**.

The possible addition of **TEXILAC RITARDANTE** is recommended in case of printing runs only, in order to increase the ink stability during the printing process.

APPLICATION:

For the best colour opacity and brightness, during printing, it is recommended to adjust the out of contact and the pressure of the squeegee at their best, in order to obtain an ink film that can remain onto the surface of the substrate.

This ink is indicated for wet-on-wet printing.

CURING:

TEXILAC POLIMER 2000 achieves home washing fastness after about 72 hours at room temperature. It is possible to make the curing faster by drying into oven at a temperature of about 80-100°C.



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SPECIAL INSTRUCTIONS

- Always test the printing characteristics, before starting production.
- Always check curing conditions. The addition of additives could require a different curing time.
- These inks do not resist dry clearing and bleaching.
- **TEXILAC POLIMER** may not be mixed with other **TEXILAC** series or water-based inks.

EQUIPMENT

Indicated for using onto automatic, semi-automatic 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.