

Texilac PO-E-FF

Code 16833-

PRODUCT DESCRIPTION

Water-based inks for textile printing, elastics with low formaldehyde content.

APPLICATION FIELDS

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

APPLICATION PROCESS

Substrates	<ul style="list-style-type: none"> • Cotton 100% • Cotton mixed with synthetic fibres • Synthetic
Th/cm	Max: 62 fili/cm (160 Th/inch) – 77 fili/cm (195 Th/inch) Transparent
Emulsion	<ul style="list-style-type: none"> • <i>Zero-In Astra</i> • <i>Zero-In Universal Plus</i>
Squeegee	Squeegee edge and hardness depending on the desired final effect
Curing	130°C-160°C for 3 Minutes
Thinner	In case, max 2% water
Thickening Agent	In case, max 1% <i>Texilac Addensante 162</i>
Pigments	<ul style="list-style-type: none"> • <i>Texilac Coloranti</i> (max 5%) • <i>Ecotex P Pigmenti</i> (max 5%)
Retarder	5% <i>Texilac Ritardante</i>
Fixing Agent	In case, 2% <i>Ecotex Fix 50</i>
Cleaning	Water or <i>Screenclean ST</i>
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

- Excellent washing resistance even dry
- High elasticity
- Very soft final hand
- White can be used in combination with garment dyeing on cotton (direct and reactive)

PREPARATION

Ready-to-use ink.

For large weft fabrics, it is possible to dilute with water in the maximum percentage of 5%.

The addition of *Texilac ritardante* in the maximum percentage of 5% allows to improve the printability features.

The addition of *Ecotex P Pigmenti* or *Texilac Coloranti* does not change the ink rheology.

In case of fabrics printing that will be dyed or will have to resist dry cleaning, we recommend adding 2% of *Ecotex Fix 50*.

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 not indicated for wet-on-wet printing.



CURING

Curing must take place into oven at 130° C-160° C for 3 minutes.

Time and temperature must be optimized by the customer, depending on the kind of printing and substrate and in consideration of the general fastness required. In any case, they mustn't be lower than the above-recommended ones.

- Home washing fastness = 130°C for 3 min.
 - Dry cleaning fastness = 160°C for 3 min.
- After the addition with *Ecotex fix 50* and before starting production, resistance tests are recommended.

SPECIAL INSTRUCTIONS

- Always test the printing characteristics, before starting production.
- Always check curing conditions. The addition of additives could require a different curing time.

EQUIPMENT

Indicated for using onto automatic, semi-automatic and manual machines.

PRODUCT RANGE

Code	Water Base	Package
168337	TEXILAC PO-E-FF WHITE	5 e 50 kg
168339	TEXILAC PO-E-FF EXTRA WHITE	1 kg 5 e 50 kg
168338	TEXILAC PO-E-FF TRANSPARENT	5 e 50 kg

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.