

# Texilac PO, PO-E

Code 16----

## PRODUCT DESCRIPTION

Water-based opaque inks for textile printing.  
Semi-matt finishing.

## APPLICATION FIELDS

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

## APPLICATION PROCESS

<b>Substrates</b>	<ul style="list-style-type: none"> <li>• Cotton 100%</li> <li>• Cotton mixed with synthetic fibres</li> </ul> <p>The substrates may be white or coloured</p>
<b>Th/cm</b>	Max: 62 Th/cm (160 Th/inch)
<b>Emulsion</b>	<ul style="list-style-type: none"> <li>• <i>Zero-In Astra</i></li> <li>• <i>Zero-In Universal Plus</i></li> </ul>
<b>Squeegee</b>	Profilo e durezza in relazione all'effetto finale desiderato
<b>Curing</b>	130°C-160°C for 3 Minutes
<b>Thinner</b>	In case, max 2% water
<b>Thickening Agent</b>	In case, max 1% <i>Texilac Addensante 162</i>
<b>Pigments</b>	<ul style="list-style-type: none"> <li>• <i>Texilac Coloranti</i> (max 5%)</li> <li>• <i>Ecotex P Pigmenti</i> (max 5%)</li> </ul> <p>To be used with:</p> <ul style="list-style-type: none"> <li>• <i>Texilac PO Trasparente</i></li> <li>• <i>Texilac PO-E Trasparente</i></li> <li>• <i>Texilac PO-E SF Trasparente</i></li> </ul>
<b>Retarder</b>	5% <i>Texilac Ritardante</i>
<b>Fixing Agent</b>	In case, 2% <i>Ecotex Fix 50</i>
<b>Cleaning</b>	Water or <i>Screenclean ST</i>
<b>Storage</b>	<ul style="list-style-type: none"> <li>• Away from direct sunlight</li> <li>• At a temperature between 15-35°C</li> </ul>
<b>Package</b>	See the product range table
<b>Safety Data Sheet</b>	Available upon request

## GENERAL FEATURES

- Good opacity onto dark fabrics
- Bright chromatic range
- Good mechanical resistance

## 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 white spirit in the maximum percentage of 5% allows to improve the printability features.

Drying may be retarded through the addition of 5% *Texilac Ritardante*.

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

## 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 160° C for 3 minutes.

Time and temperature must be optimized by the customer, depending on the kind of printing and substrate. 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.

\* Except for the products of the series Texilac Po-E SF that do not resist dry cleaning.

## SPECIAL INSTRUCTIONS

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

## PRODUCT RANGE

Code	Water Base	Package
168303	VERDE VITTORIA	1 kg
168304	BLU ESPERIA	1 e 5 kg
168305	BLU OLTREMARE	1 e 5 kg
168308	ROSSO	1 e 5 kg
168312	GIALLO LIMONE	1 e 5 kg
168313	GIALLO CROMO	1 e 5 kg
168316	BLU SCURO	1 e 5 kg
168321	BLU BRILLANTE	1 kg
168324	NERO	1, 5 kg
167101	PO BIANCO	5 e 50 kg
168501	PO EXTRA BIANCO	1, 5 e 50 kg
168300	PO-E TRASPARENTE	5 e 50 kg

## 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.