

Texilac Lucido White and Transparent

Code 167011-167001

PRODUCT DESCRIPTION

Water-based ink for screen printing. *White* and *Transparent*. Very glossy finishing.

APPLICATION FIELDS

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

APPLICATION PROCESS

Substrates	<ul style="list-style-type: none"> Cotton 100% Cotton mixed with synthetic fibres <p>The substrates may be white or coloured</p>
Th/cm	<ul style="list-style-type: none"> Max: 55 Th/cm (140 Th/inch)
Emulsions	<ul style="list-style-type: none"> See reference table
Squeegee	<ul style="list-style-type: none"> Profile and hardness in relation to the desired effect
Curing	<ul style="list-style-type: none"> 150/160°C for 3/2 minutes
Auxiliaries	<ul style="list-style-type: none"> See TDS "Auxiliaries for water based inks"
Cleaning	<ul style="list-style-type: none"> Screenclean ST
Storage	<ul style="list-style-type: none"> Away from direct sunlight At a temperature between 15-35°C
Package	<ul style="list-style-type: none"> See the product range table
Safety Data Sheet	<ul style="list-style-type: none"> Available upon request

GENERAL FEATURES

- Ideal for printing of white or transparent 3D effects, as if they were sequins
- Ideal for direct printing onto many materials, including coagulated PVC or polyurethane
- High transparence (*Texilac Trasparente Lucido*)
- High opacity (*Texilac Bianco Lucido*)
- The printings resist washing at high temperature and dry cleaning
- Good printability

PREPARATION

Ready-to-use ink.

Texilac Ritardante may require a longer curing time and may reduce the general fastness.

With the addition of *Ecotex P Pigments* to *Texilac Trasparente Lucido*, it is possible to achieve full and bright colours. With *Texilac Bianco Lucido* it is possible to obtain pastel colours. Special effects are achieved by mixing pearly, fluorescent or phosphorescent pigments.

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.

For 3D effects, reduce the th/cm number up to a maximum of 34 F/cm (86 Th/Inch).

When fluorescent powders or pigments are used, the number of th/cm has to be selected according to the thinness of the powder itself.

Texilac Trasparente Lucido and *Texilac Bianco Lucido* are also indicated for the realization of transfers, as first protection layer for high resistance transfers.

CURING

Curing must take place at 150-160 °C for 3/2 minutes. The use of an hot air oven is recommended.

The best effect, as regards transparence and general fastness, are achieved when the curing is complete, after drying at room temperature or at a maximum of 80°C. This step is mandatory, in case of 3D printings.

SPECIAL INSTRUCTIONS

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

PRODUCT RANGE

Code	Water Base	Package
167011	LUCIDO WHITE	5 kg
167001	LUCIDO TRANSPARENT	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.

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@eptains.com

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.