

# Texiplast Transparent PF

Code 165852

## PRODUCT DESCRIPTION

Plastisol transparent ink for textile 3D printing. Glossy finishing.

## APPLICATION FILEDS

Direct textile 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 fibers</li> <li>• Substrates can be white or coloured</li> </ul>
<b>Th/cm</b>	<ul style="list-style-type: none"> <li>• Max. 55 Th/cm (140 Th/in)</li> </ul>
<b>Emulsion</b>	<ul style="list-style-type: none"> <li>• See reference table</li> </ul>
<b>Squeegee</b>	Square edge <ul style="list-style-type: none"> <li>• Squeegee hardness 70-75 shores</li> </ul>
<b>Curing</b>	<ul style="list-style-type: none"> <li>• 150/160°C for 3/2 minutes</li> </ul>
<b>Auxiliaries</b>	<ul style="list-style-type: none"> <li>• See TDS “<b>Texiplast Auxiliaries</b>”</li> </ul>
<b>Cleaning</b>	<ul style="list-style-type: none"> <li>• <b>Screenclean ST</b></li> </ul>
<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>	<ul style="list-style-type: none"> <li>• 5 Kg</li> </ul>
<b>Safety Data Sheet</b>	<ul style="list-style-type: none"> <li>• Available upon Request</li> </ul>

## GENERAL FEATURES

- Ideal for 3D effects
- Excellent transparence
- Glossy finishing
- Ideal for printing of anti-slip effects for socks and sportswear
- High elasticity and flexibility

## PREPARATION

Ready-to-use ink.

The possible addition of *Texiplast Additivo 554* allows to reduce ink viscosity.

*Texiplast Trasparente PF* may be coloured through the products of the series *Texiplast 7000 MS* or *Texiplast 7000 OP* in the maximum percentage of 15%. The so prepared mixture allows to obtain coloured relief printings.

## APPLICATION

In order to print 3D effects, it is recommended to use screens from 12 to 34 Th/cm, maximum thickness 400 µm. Higher thicknesses may be reached through subsequent overprintings, by intermediately drying through IR lamps.

This also allows to obtain square edge thicknesses.

## CURING

Curing must take place at 150/160 °C 3/2 minutes. *Texiplast* are thermoplastic inks: only an appropriate curing is able to allow the complete ink fusion, therefore the achievement of the required final characteristics.

Higher temperatures than those indicated allow to increase the transparence of the printings, but to the detriment of the 3D edge, that will be more rounded.

## 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.
- Plastisol inks do not resist dry cleaning, bleaching and ironing.
- The inks of the series Texiplast PF are phthalate-free.
- Before using them, make sure that squeegees, countersqueegees, screens and cases have been cleaned well from possible rests of other plastisol series. In that way, possible “pollution”, deriving from other ink series, can be avoided.

## 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@eptainks.com](mailto:safety@eptainks.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.