



Textile Printing



TEXIPLAST TRASPARENTE PF

Code N° 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

Substrates	<ul style="list-style-type: none"> • Cotton 100% • Cotton mixed with synthetic fibers The substrates may be white or coloured
Th/cm	Max: 34 Th/cm (90 Th/inch)
Emulsion	<ul style="list-style-type: none"> • ZERO - IN ASTRA • ZERO - IN UNIVERSAL PLUS • ZERO - IN SPEEDCURE (3D)
Squeegee	Square edge Squeegee hardness 70 - 75 Shores
Curing	150°C – 160°C for 3 minutes
Thinner	<ul style="list-style-type: none"> • Max 2% TEXIPLAST ADD.554 (VISCOREDUCTOR)
Thickening agent	In case, max 0,5% TEXIPLAST ADDENSANTE
Colours	Max 15% TEXIPLAST 7000 MS or TEXIPLAST 7000 OP
Cleaning	SCREENCLEAN ST
Storage	<ul style="list-style-type: none"> • Away from direct sunlight • At a temperature between 15-35°C
Package	5 Kg
Safety Data Sheet	Available upon request

GENERAL FEATURES

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

PREPARATION:

Ready-to-use ink.

The possible addition of **TEXIPLAST ADDITIVO 554** allows to reduce ink viscosity.

The possible addition of **TEXIPLAST ADDENSANTE** allows to increase ink viscosity (**Warning:** thickening effect does not act immediately after addition of the product, but is complete after about two hours).

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°C – 160°C for 3 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 transparenance of the printings, but to the detriment of the 3D edge, that will be more rounded.



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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.

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.

PRODUCT RANGE

CODE	TEXIPLAST	PACKAGE
165852	TRASPARENTE PF	5 Kg
CODE	TEXIPLAST 7000	PACKAGE
165882	WHITE FLASH CURE	5 and 25 Kg
165881	WHITE FLASH LT	5 and 30 Kg
165884	WHITE SUPER BRIGHT	5 and 30 Kg
167873	LYTHO TRANSF. BIANCO	1 and 5 Kg
CODE	TEXIPLAST 7000	PACKAGE
1658--	OP	5 and 30 Kg
1658--	MS	5 Kg
16586-	PROCESS	1 and 5 Kg

Depending on the glitter size, the appropriate screen (number of Th/cm) must be used:

KIND	SIZE	TH/CM	CUT	THICKNESS
001	50 µm	34	Hexagonal	12 µm
002	75 µm	24	Hexagonal	12 µm
004	150 µm	15	Hexagonal	12 µm
008	230 µm	10	Hexagonal	25 µm

EQUIPMENT

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

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

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.