Textile Printing

TEXIPLAST GT TRASPARENTE

Code N° 167851

PRODUCT DESCRIPTION

Plastisol transparent ink for 3D textile printing. Excellent transparence

APPLICATION FILEDS

Direct textile printing. For ready-to-wear or pre-cut articles.

APPLICATION PROCESS

Substrates	• Cotton 100% • Cotton mixed with synthetic fibers The substrates may be white or coloured
Th/cm	Max: 34 Th/cm (90 Th/inch)
Emulsion	• 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	• Max 2% **TEXIPLAST ADD.554 (VISCOREDUCER)**
Thickening agent	In case, max 0,5% **TEXIPLAST ADDENSANTE**
Colours	Max 15% **TEXIPLAST 7000 MS** or **TEXIPLAST 7000 OP**
Cleaning	**SCREENCLEAN ST**
Storage	• Away from direct sunlight • At a temperature between 15-35°C
Package	5 and 25 Kg
Safety Data Sheet	Available upon request

GENERAL FEATURES

- Excellent transparence
- Good printing definition
- Very glossy finishing
- Indicated for 3D printing effects
- Excellent elasticity and flexibility
- Quite good washing fastness in the transfer applications for MYTEX
- 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 GT TRASPARENTE** 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 glossy coloured 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 overprints, by intermediately drying through IR lamps.
This also allows to obtain square edge thicknesses. **TEXIPLAST GT TRASPARENTE** may be used as an adhesive for **MYTEX**. The printing must be made through screens with a maximum of 55 Th/cm (140 Th/inch).

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 transparence of the printings, but to the detriment of the 3D edge, that will be more rounded.

Textile Printing

MANOUKIAN Argon

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.

- **TEXIPLAST GT TRASPARENTE** is 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
167851	GT TRASPARENTE	5 and 25 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.