

Texiplast 7000 Process

Code 16586-

PRODUCT DESCRIPTION

Plastisol inks for textile printing. Transparent series for four-colour process printing. Transparent series for four-colour process, with glossy finishing.

APPLICATION FIELDS

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 <p>The substrates must be white</p>
Th/cm	Max: 120 Th/cm (305 Th/inch)
Emulsion	<ul style="list-style-type: none"> • <i>Zero-In Astra</i> • <i>Zero-In Universal Plus</i>
Squeegee	Square edge Squeegee hardness 70 - 75 Shores
Curing	150°C – 160°C for 3 minutes
Thinner	Max 5% <i>Texiplast Additivo 554 NF</i> (Viscoreducer)
Thickening Agent	In case, max 0,5% di <i>Texiplast Addensante</i>
Cleaning	<i>Screenclean ST</i>
Storage	<ul style="list-style-type: none"> • Away from direct sunlight • At a temperature between 15-35°C
Safety Data Sheet	Available upon request

GENERAL FEATURES

- Excellent wet on wet printability
- Very low tack and soft touch
- Quick intermediate drying (flash cure)
- Bright chromatic range
- Good elasticity
- Phthalate-free

PREPARATION

Ready-to-use ink.

Homogenize well, before using it.

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

Texiplast 7000 Process Clear Base may be used in the maximum percentage of 50%, in order to "adjust" the colour strength of the inks (*Texiplast 7000 Process Cyan, Magenta, Yellow E Black*), depending on the distribution of the drawing, that is how the films were prepared.

APPLICATION

The inks of the series *Texiplast 7000 Process* have been realized for printing onto white substrates; the performances and the tones of the colours may be different, when printing onto coloured fabrics.

The four-colour process effects onto dark background must be overprinted onto a white background. For such application, the use of *Texiplast 7000 White Flash Cure Or Texiplast 7000 White Flash LT* (see the relating technical data sheet) is recommended.



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.

SPECIAL INSTRUCTIONS

- Always test the print 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 7000 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.

PRODUCT RANGE

Code	Texiplast 7000 Process	Package
165860	CLEAR BASE	1, 5 and 25 kg
165861	YELLOW	1 kg and 5 kg
165862	MAGENTA	1 kg and 5 kg
165863	CYAN	1 kg and 5 kg
165864	BLACK	1 kg and 5 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@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