

Texiplast 7000 MS

Code 1658--

PRODUCT DESCRIPTION

Series of plastisol semi-opaque inks for textile printing with glossy finishing. With dedicated formulae for the realization of colour references.

APPLICATION FIELDS

Direct and transfer 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 may be white or coloured</p>
Th/cm	Max: 90 Th/cm (230 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, according to the desired final effect
Curing	150°C–160°C for 3 minutes
Thinner	Max 5% Texiplast Additivo 554 NF (Viscoreducer)
Tickening Agent	In case, max 0,5% of <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
- Bright chromatic range
- Good elasticity
- Soft touch
- Phthalate-free

PREPARATION

Ready-to-use ink.

Homogenize well, before using it. The colours may be all mixed among them with each ratio. It is however recommended not to mix more than 4 bases together at a time. When realizing soft colours, it is recommended to check their steadiness during time. The possible addition of *Texiplast Additivo 554* allows to reduce ink viscosity.

The possible addition of *Texiplast Extender Base PF* (Max 60%) allows to obtain matter effects with a soft touch, without compromising the opacity and the general fastness.



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.

The opacity is influenced by the kind of drawing, the th/cm screen number, the squeegee, the pressure and the printing speed.

The inks of the series *Texiplast 7000 MS* are semi-opaque, the performances and the shades of the colours might be different, if they are printed onto coloured fabrics. In case of dark substrates, it is recommended to overprint the inks of the series *Texiplast 7000 MS* onto a white background. For such application, the use *Texiplast 7000 White Flash Cure* or *Texiplast 7000 White Flash LT* (see the related 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	Product	Package
165886	LIGHT BLUE	5 kg
165887	NAVY BLUE	5 kg
165889	BLACK	5 kg
165891	LIGHT YELLOW	5 kg
165892	YELLOW	5 kg
165893	ORANGE	5 kg
165894	SCARLET	5 kg
165895	RED	5 kg
165896	FUXIA	5 kg
165897	VIOLET	5 kg
165898	BLUE	5 kg
165899	GREEN	5 kg
165888	WHITE	5 kg

EQUIPMENT

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



FRICTION FASTNESS

TEXIPLAST 7000 MS		LENGHT		WIDTH	
		DRY	WET	DRY	WET
165886	LIGHT BLUE	4	4	4	4
165887	NAVY BLUE	4	4-5	4	4
165889	BLACK	4-5	4-5	4-5	4-5
165891	LIGHT YELLOW	4	3-4	4	3-4
165892	YELLOW	4	4-5	4	4-5
165893	ORANGE	3-4	4	3-4	4
165894	SCARLET	3	2-3	4	3
165895	RED	3-4	3-4	3-4	3
165896	FUXIA	4	4	4	4
165897	VIOLET	4	4-5	4	4
165898	BLUE	4-5	3-4	4-5	3
165899	GREEN	4	4	4	4

UNI EN ISO 105 X12:2003

Some red and blue pigments, depending on the tone intensity, might show low washing or friction fastness, even in optimal curing conditions. Always check these characteristics, before starting production.

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.