

Texiplast 7 MS

Code M7MS--

PRODUCT DESCRIPTION

Semi-opaque plastisol inks for textile printing with glossy finishing. With dedicated formulae to create 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 (50/50) <p>The substrates may be white or coloured</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, according to the desired final effect
Curing	150°-160°C for 3 minutes (302°-320°F)
Thinner	Max 3% <i>Texiplast Viscosity reducer</i>
Thickening Agent	In case, max 0,5% of <i>Texiplast Thickener</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 pale/light colours, it is recommended to check their steadiness during time.

The possible addition of *Texiplast Viscosity reducer* allows to reduce ink viscosity.

The possible addition of *Texiplast Low Cure reducer* (Max 6% by weight to ink) allows to reduce curing temperature.

Adding too much additives may affect curing, or increase dye migration.

ALWAYS check performances before run production.

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 affected by the kind of drawing, the th/cm screen number, the squeegee, the pressure and the printing speed.

The inks of the series *Texiplast 7 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 7 MS* onto a white background. For such application, select the proper recommended white (see the related technical data sheet).

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 7 MS* are phthalate-free.
- Before using them, make sure that squeegees, scrapers, screens and cans 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

The Matching System is based on 10 standard colours (including mixing Black and White) and 9 Fluor colours.

Code	Texiplast	Package
M7MS21	7 MS MIXING WHITE	1 & 5 Gal
M7MS25	7 MS MIXING BLACK	1 & 5 Gal
M7MS12	7 MS LEMON YELLOW	1 & 5 Gal
M7MS16	7 MS SCARLET	1 & 5 Gal
M7MS15	7 MS RUBINE	1 & 5 Gal
M7MS07	7 MS VIOLET	1 & 5 Gal
M7MS19	7 MS REFLEX BLUE	1 & 5 Gal
M7MS09	7 MS BLUE G	1 & 5 Gal
M7MS08	7 MS BLUE R	1 & 5 Gal
M7MS10	7 MS GREEN	1 & 5 Gal
M7FL89	7 FL YELLOW	1 & 5 Gal
M7FL96	7 FL SATURN YELLOW	1 & 5 Gal
M7FL94	7 FL BLAZE ORANGE	1 & 5 Gal
M7FL13	7 FL ROCKET RED	1 & 5 Gal
M7FL91	7 FL NEON RED	1 & 5 Gal
M7FL90	7 FL AURORA PINK	1 & 5 Gal
M7FL88	7 FL PURPLE	1 & 5 Gal
M7FL19	7 FL HORIZON BLUE	1 & 5 Gal
MFL97	7 FL SIGNAL GREEN	1 & 5 Gal
M7MS44	MIXING BASE	1 & 5 Gal

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 endeavor 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.