

# Texiplast 7 OP

Code M7OP--

## PRODUCT DESCRIPTION

Series of opaque plastisol inks for textile printing, with glossy finishing.

## APPLICATION FIELDS

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

## APPLICATION PROCESS

<b>Substrates</b>	<ul style="list-style-type: none"> <li>• Cotton 100%</li> <li>• Cotton mixed with synthetic fibers (50/50)</li> </ul> <p>The substrates may be white or coloured</p>
<b>Th/cm</b>	Max: 90 Th/cm (230 Th/inch)
<b>Emulsion</b>	<ul style="list-style-type: none"> <li>• <i>Zero-In Astra</i></li> <li>• <i>Zero-In Universal Plus</i></li> </ul>
<b>Squeegee</b>	Square edge. Squeegee hardness, according to the desired final effect
<b>Curing</b>	150°-160°C for 3 minutes (302°-320°F)
<b>Thinner</b>	<ul style="list-style-type: none"> <li>• Max 3% <i>Texiplast Viscosity reducer</i></li> </ul>
<b>Additives</b>	If required use 1-3% of <i>Texiplast Low Cure Additive</i>
<b>Cleaning</b>	<i>Screenclean ST</i>
<b>Storage</b>	<ul style="list-style-type: none"> <li>• Away from direct sunlight</li> <li>• At a temperature between 15-35°C</li> </ul>
<b>Safety Data Sheet</b>	Available upon request

## GENERAL FEATURES

- High opacity
- Good 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 3 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 Additive* (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 influenced by the kind of drawing, the th/cm screen number, the squeegee, the pressure and the printing speed.

## 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 OP* 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

Code	Texiplast	Package
M7OP25	7 OP DEEP BLACK	1 & 5 Gal
M7OP12	7 OP LEMON YELLOW	1 & 5 Gal
M7OP13	7 OP MEDIUM YELLOW	1 & 5 Gal
M7OP34	7 OP ORANGE	1 & 5 Gal
M7OP14	7 OP SCARLET	1 & 5 Gal
M7OP16	7 OP WARM RED	1 & 5 Gal
M7OP35	7 OP PURPLE	1 & 5 Gal
M7OP18	7 OP PROCESS BLUE	1 & 5 Gal
M7OP12	7 OP REFLEX BLUE	1 & 5 Gal
M7OP17	7 OP EMERALD GREEN	1 & 5 Gal
M7OP10	7 OP BLUE SHADE GREEN	1 & 5 Gal
M7OP20	7 OP ULTRA BLUE	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 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](mailto: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.