

# Texisil Super Clear Base

Codice 166610

## PRODUCT DESCRIPTION

Two-component transparent ink, based on silicone polymers, in a 50:50 hardening ratio.

## APPLICATION FIELDS

Direct textile printing. For high thickness 3D effects.

## APPLICATION PROCESS

Substrates	<ul style="list-style-type: none"> <li>• Cotton 100%</li> <li>• Cotton mixed with synthetic fibres</li> <li>• Elastic substrates</li> <li>• The substrates may be white or coloured</li> </ul>
Th/cm	<ul style="list-style-type: none"> <li>• Max: 77 Th/cm (195 Th/inch)</li> </ul>
Emulsion	<ul style="list-style-type: none"> <li>• See reference table</li> </ul>
Squeegee	Square edge <ul style="list-style-type: none"> <li>• Squeegee hardness 60 - 65 Shores</li> </ul>
Curing	<ul style="list-style-type: none"> <li>• 130/150°C for 3/2 minutes</li> </ul>
Catalysts	<ul style="list-style-type: none"> <li>• <b>Texisil Super Clear Catalizzatore</b> – 50:50</li> </ul>
Auxiliaries	<ul style="list-style-type: none"> <li>• See TDS "<b>Texisil Auxiliaries</b>" e "<b>Texisil series</b>"</li> </ul>
Cleaning	<ul style="list-style-type: none"> <li>• <i>Screenclean ST</i></li> </ul>
Storage	<ul style="list-style-type: none"> <li>• Away from direct sunlight</li> <li>• At a temperature between 15-35°C</li> </ul>
Package	<ul style="list-style-type: none"> <li>• 30 kg</li> </ul>
Safety Data Sheet	<ul style="list-style-type: none"> <li>• Available upon request</li> </ul>

## GENERAL FEATURES

- Ideal for 3D effects
- High transparency
- High definition
- Excellent elasticity and flexibility
- No tack
- Excellent anti-foil effect
- Phthalate, PVC, heavy metals and formaldehyde free

## PREPARATION

Two-component ink. Mix *Texisil Super Clear Base* with *Texisil Super Clear Catalizzatore* in a 50:50 ratio.

The pot-life is about 6-8 hours. Homogenize well before use.

It is possible to add one of the above mentioned thinners in order to adjust the viscosity depending on the required final effect.

## APPLICATION

To print 3D effects, it is suggested to use a 12-34 Th/cm screen, with a maximum thickness of 400 µm.

It is possible to achieve special effects by mixing glitters or metal powders into *Texisil Super Clear Base*.

The inks of the series *Texisil* have an anti-foil effect. They are particularly indicated for the application in combination with *Mytex*.

## CURING

Curing must take place at 130°/150°C for 3/2 minutes.

## SPECIAL INSTRUCTIONS

- Always test the printing characteristics, before starting production.
- Always check curing conditions. The addition of additives could require different curing times. Avoid too long intermediate drying times through IR Flash lamps. Actually, too long times may compromise the adhesion of the overprints, which are subsequent to drying. There are different kinds of IR Flash lamps and various substrates, onto which it is possible to print the inks of *Texisil* series; for this reason, it is not possible to give detailed information about the times and the powers of the lamps. So, it is recommended to do preliminary tests

## PRODUCT RANGE

Code	Silicone ink	Package
166610	Super Clear Base	30 kg
166611	Super Clear Catalyst	30 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](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.