Texisil Matt Trasparent

Code 166608

PRODUCT DESCRIPTION

Two-component transparent ink, based on silicone polymers.

APPLICATION FIELDS

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

APPLICATION PROCESS

Substrates	• Cotton 100% • Cotton mixed with synthetic fibres • Elastic substrates The substrates may be white or dyed with pastel colours
Th/cm	Max: 77 Th/cm (195 Th/inch)
Emulsion	• *Zero-In Ks 200* • *Zero-In Speedcure (3D)*
Squeegee	Square edge Squeegee hardness 60 - 65 Shores
Curing	90°C for 2-3 Minutes if hardened with: *Texisil Catalyst Super Fast* 130°C for 3 Minutes if hardened with: *Texisil Catalyst*
Thinner	In case, max 5%: • *Texisil Thinner* • *Texisil Thinner Fast*
Hardeners	*Texisil Catalyst Super Fast* % use= 3 - 5% or *Texisil Catalyst* % use= 10%
Colours	Max 5% *Texisil Pigment*
Cleaning	*Screenclean ST*
Storage	• Away from direct sunlight • At a temperature between 15-35°C
Package	1 and 5 kg
Safety Data Sheet	Available upon request

GENERAL FEATURES

- Ideal for 3D effects
- High matt level
- High stability in the screen
- High definition
- Excellent elasticity and flexibility
- No tack
- Excellent anti-foil effect
- Phthalate, PVC and Formaldehyde free

PREPARATION

Two-component ink. *Texisil Matt White* must be mixed with *Texisil Catalyst* (use % = 10%) or with *Texisil Catalyst Super Fast* (use % = 3 - 5%).
In the first case, the pot-life is about 6-8 hours (the use is recommended in case of automatic machines), and, in the second case, it is maximum 3 hours (the use is recommended in case of manual printing). Homogenize well before using it.
The addition of maximum 5% *Texisil Pigment* allows to achieve pastel colours.
The possible addition of thinners allows to adjust the viscosity, according to the desired final effect.

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APPLICATION

For printing of 3D effects, it is recommended to use 12-34 Th/cm screens, with a maximum thickness of 300 µm.
For plain multicolour printings, the use of 43-77 Th/cm screens is recommended.
Texisil Matt White may be overprinted with products of the series *Texisil* only.
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:
90°C for 2-3 minutes, if the ink has been hardened with *Texisil Catalyst Super Fast*.
130°C for 3 minutes, if the ink has been hardened with *Texisil Catalyst*.

NOTE:
Texisil Matt Transparent, if hardened with *Texisil Catalyst Super Fast*, may require curing temperatures higher than the indicated ones, in order to achieve the top of the matteness.

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	Package
166608	MATT TRASPARENT	1 e 5 kg
166650	CATALYST	1 e 5 kg
166654	CATALYST SUPER FAST	1 e 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.