

AQUA Transparent

Code 167250

PRODUCT DESCRIPTION

Water-based ink for textile printing. Transparent ink.

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 fibres • Elastic substrates <p>The substrates may be white or dyed with pastel colours</p>
Th/cm	<ul style="list-style-type: none"> • Max. 90 Th/cm (230 Th/Inch)
Emulsion	<ul style="list-style-type: none"> • See reference table
Squeegee	<p>Square edge</p> <ul style="list-style-type: none"> • Squeegee hardness 60 - 65 Shores
Curing	<ul style="list-style-type: none"> • 150/160°C for 3/2 minutes
Auxiliaries	<ul style="list-style-type: none"> • See "Auxiliaries for Water-Based Products" and "Aqua Auxiliaries" data sheet.
Cleaning	<ul style="list-style-type: none"> • Screenclean ST
Storage	<ul style="list-style-type: none"> • Away from direct sunlight • At a temperature between 15-35°C
Package	<ul style="list-style-type: none"> • 5 and 30 kg
Safety Data sheet	<ul style="list-style-type: none"> • Available upon request

GENERAL FEATURES

- High printability
- High stability in the screen
- Excellent elasticity
- Soft touch



ECO
PASSPORT

PREPARATION

Ready-to-use ink.

Before use, homogenize the product and check for uniformity.

The product can be colored by adding max. 5% **Ecotex P Pigments**.

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.

Keep the screen wet, by nebulizing water.

CURING

Curing must take place at 150-160 C° for 3/2 minutes. Time and temperature must be optimized by the customer, depending on the kind of printing and substrate. In any case, they mustn't be lower than the above-recommended ones.

SPECIAL INSTRUCTIONS

- Always test the printing characteristics, before starting production.
- Always check curing conditions. The addition of additives could require a longer curing time.
- These inks do not resist dry cleaning, bleaching and ironing.
- Squeegees, screens, and cases, that are used with other ink series, must be cleaned well, in order to avoid any possible contamination and to grant Eco-Labeling specifications.
- In order to avoid a quick drying, due to environmental conditions:
- Print and lay an adequate ink quantity.
- In case of long breaks, do not cover the drawing in the screen, and spray small quantities of water, before starting again.
- Nebulize small quantities of water, in order to compensate the loss in humidity.
- After long printing runs, with a frequent use of IR hoods, the removal of the ink from some photo emulsions may result a little bit more difficult. In case, use *Screenclean St* for an optimal cleaning of the screen.

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.