



SUBINK 121/05 (COTTON PRIMER)

Code N° 998024

PRODUCT DESCRIPTION

Transparent water-based ink for screen printing onto white cotton articles for sublimation decoration

APPLICATION FIELDS

Screen printing onto cotton.
For ready-to-wear and pre-cut articles.

APPLICATION PROCESS

Substrates	White Cotton 100%
Th/cm	Max: 43 Th/cm
Emulsion	<ul style="list-style-type: none"> • ZERO - IN ASTRA • ZERO - IN UNIVERSAL PLUS
Squeegee	Square edge Squeegee hardness: 60 - 65 Shores
Drying	<ul style="list-style-type: none"> • At room temperature for 24-36 h • 100°C for 2 min. (into air oven)
Thinner	In case, max 5% Water
Thickening Agent	In case, max 2% TEXILAC ADDENSANTE 346 NEW
Retarder	In case, 2-5% RITARDANTE 448
Cleaning	Water
Storage	<ul style="list-style-type: none"> • Away from direct sunlight • At a temperature between 15-35°C • This product doesn't stand intense cold
Package	1 and 5 Kg
Safety Data Sheet	Available upon request

GENERAL FEATURES

- Good colour performance after sublimation
- Soft touch
- Good washing resistance (40°C)

PREPARATION:

Ready-to-use ink.

Use, in case of need only, 2-5% **RITARDANTE 448**.

In order to increase the product viscosity, use **TEXILAC ADDENSANTE 346 NEW**, up to a maximum 2%.

APPLICATION:

Use 34-43 Th/cm screens and print onto cotton directly.

DRYING:

SUBINK 121/05 (COTTON PRIMER) may be dried both at room temperature (24 - 36 hours) and into air oven at a temperature of 100°C for about 2 minutes.

TRANSFER CONDITIONS

MATERIAL	TEMPERATURE	TIME
Cotton	180°C (or higher)	50-60 sec

The paper may be printed with every kind of sublimation ink, by using the different printing techniques.

Such paper has to be transferred at a minimum temperature of 180°C or higher, for a time of 50/60 seconds, quality of the fabric permitting.

It is essential that the peeling of the paper takes place immediately after hot transferring (**hot split**), in order to avoid that the paper peels off not perfectly.



SPECIAL INSTRUCTIONS

- Always test the application characteristics, before starting production.
- Always check drying conditions; the possible addition of additives may require longer drying times.
- It is recommended to do preliminary tests, in order to determine the right transfer time and temperature.
- **SUBINK 121/05 (COTTON PRIMER)** must not be mixed with other products than those indicated in this technical data sheet.

EQUIPMENT

Indicated for printing with automatic, semi-automatic or 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.