



# SUBLISTAR IDRA NEW

Code N° 408067

## PRODUCT DESCRIPTION

Water-based binder for the realization of screen sublimation printings

## APPLICATION FIELDS

Screen printing onto paper, for the realization of sublimation transfers. Mainly for textile field.

## APPLICATION PROCESS

<b>Substrates</b>	Paper (basic weight 120-140 g/m <sup>2</sup> )
<b>Th/cm</b>	140 Th/cm
<b>Emulsion</b>	<ul style="list-style-type: none"> <li>• ZERO - IN VERSA</li> <li>• ZERO - IN KS 200</li> </ul>
<b>Squeegee</b>	Square edge Squeegee hardness, depending on the desired effect
<b>Drying</b>	<ul style="list-style-type: none"> <li>• Room temperature</li> <li>• 35-50°C in air oven</li> </ul>
<b>Thinner</b>	In case, max 5% Water
<b>Thickening agent</b>	In case, max 2% <b>TEXILAC ADDENSANTE 346 NEW</b>
<b>Retarder</b>	In case, max 10% <b>RITARDANTE 448</b>
<b>Pigments</b>	<b>SUBLISTAR BASI EURO</b> (Max 30%)
<b>Cleaning</b>	Water
<b>Storage</b>	<ul style="list-style-type: none"> <li>• Away from direct sunlight</li> <li>• At a temperature between 15-35°C</li> <li>• This product doesn't stand in-tense cold</li> </ul>
<b>Package</b>	5, 20 litres
<b>Safety Data Sheet</b>	Available upon request

## TRANSFER CONDITIONS

MATERIAL	TEMPERATURE	TIME
Polyester	210°C	30-40 sec
Polyamide 6	190°C	30-40 sec
Polyamide 6,6	200°C	30-40 sec
Triacetate	195°C	20 sec
Acrylics	195°C	20 sec

Transfer hot, both with flat press and calender. For times and temperatures, see the above table, which is merely an indication. It is recommended to do preliminary tests, in order to establish the right transfer time and temperature.

## GENERAL FEATURES

- **Excellent printability, through both automatic and semi-automatic systems, particularly indicated for multicolour line printings**
- Quick drying of the products and complete no blocking when stacking
- High self-solvency during printing
- Excellent colour performance and shade stability
- Limited distortion of the printed paper, to the advantage of a precise printing register
- **No adhesion power during transferring a (TACK-FREE)**

## PREPARATION:

Mix the product with sublimation dyes of the series **SUBLISTAR BASI EURO**, in the maximum quantity of 30% (see the technical data sheet Basi Euro). It is possible to dilute the product with water, in the maximum percentage of 5%. Use, only if it is necessary, **RITARDANTE 448**, in the maximum quantity of 10%. In order to increase the viscosity of the product, use **TEXILAC ADDENSANTE 346 NEW**, in the maximum quantity of 2%.

## APPLICATION:

Use a 140 Th/cm screen and print onto a good quality paper with a basic weight between 120-140 g/m<sup>2</sup>.

## DRYING:

**SUBLISTAR IDRA NEW** may be dried both at room temperature and into air oven at a temperature of 35-50°C.



### SPECIAL INSTRUCTIONS

- Always test the printing 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.

### 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.