

# UR 2500

## Type

Tunnel / air drying ink for printing on nylon- and polyester fabrics and in-direct printing by means of textile transfers.

## Application

For direct printing on most nylon- and polyester fabrics, such as surfsails, umbrellas, sporting bags, shirts, flags etc.

For indirect printing for making Heattrans textile transfers in combination 2500 First Varnish and 2500 Heattrans Adhesive. Can be transferred on working cloth and all the above mentioned synthetic products.

## General

Good printing qualities, Good elasticity. Good washability and weather resistance.

## Drying

Air-drying : 15 - 30 minutes.

Tunnel drying: Possible, dependent on the thinner used, temperature, ink layer thickness and the to be printed material.

## Gloss

Satin finish.

## Colour mixing

In this ink series not only the Visprox colours according to the Colormatic matching system can be obtained by using the mixing colours A-M but also colours of other matching systems. Condition: 100-40 mesh, white substrate.

## Use: direct printing

### Thinner

Machine printing or hand printing: about 15% of thinner 61 can be added. When printing fine details about 15% of retarder 7 or retarder 4 (special retarder extra slow) can be added.

### Hardener

In order to improve the adhesion and resistance 10% of hardener no. 2 can be added which is detrimental to the flexibility. Some coated nylons can cause adhesion problems especially to white. Therefore, make always a test-print.

### Attention

Potlife of the mixed ink is about 6 hours.

### Mesh

73-55, 100-40.

## Use: indirect printing (Heattrans textile transfers)

## Thinner

See above mentioned.

## Gloss

Half-matt finish.

## Carrier

For a half-matt transfer, transfer paper 75 gr. or 105 gr. can be applied.

## Order of printing

1. First Varnis + 5% hardener no.2: mesh: 40-80, 54-64
2. colours + 5% hardener no.2: mesh: 48-70, 100-40
3. White + 5% hardener no.2: mesh: 48-70, 61-64
4. Heattrans Adhesive: mesh: 21-140, 27-120

## Transfer time and temperature

Glossy transfers: 15-20 sec. at a temperature of 160°C Half-matt transfers: 15 sec. at a temperature of 180°C to achieve a max. of chemical resistance.

## Attention

See to it that the ink is completely dry before printing the Heattrans Adhesive and that the ready product is fully hardened through before applying the transfer.

## Cleaning

Appropriate are Screenwash and - L.P.

## Security

All our inks are provided with security- and health instructions.

Colour range

# UR 2500

## Standard colours

<b>2501 EO</b>	White
<b>2506 EO</b>	Medium Yellow
<b>2510 EO</b>	Bright Red
<b>2515 EO</b>	Sky Blue
<b>2519 EO</b>	Medium Blue
<b>2522 EO</b>	Brilliant Blue
<b>2527 EO</b>	Blue
<b>2531 EO</b>	Rich Yellow
<b>2533 EO</b>	Super Orange
<b>2538 EO</b>	Brilliant Green
<b>2539 EO</b>	Spring Green

## **Hardener no.2**

## Thinner/Retarder

<b>Retarder</b>	4 (special retarder extra slow)
<b>Retarder</b>	7
<b>Thinner</b>	61

## Colormatic matching colors

<b>2500</b>	A Lemon Yellow
<b>2500</b>	B Golden Yellow
<b>2500</b>	C Orange
<b>2500</b>	D Red
<b>2500</b>	E Carmine
<b>2500</b>	F Pink
<b>2500</b>	G Bright Violet
<b>2500</b>	H Permanent Blue
<b>2500</b>	K Permanent Green
<b>2501</b>	L White
<b>2502</b>	M Black
<b>2549</b>	Clear/Overprint Varn.
<b>2500</b>	Heattrans Adhesive

<b>2550</b>	Base TIX
<b>2551</b>	Yellow TIX
<b>2552</b>	Cyan TIX
<b>2553</b>	Magenta TIX
<b>2554</b>	Black TIX

This technical information is meant to be a guideline. Even though the information is given after detailed examination and to the best of our knowledge, Visprox B.V. can take no responsibility for it. Please continually make proof prints before printing the whole run.