

• **Finish**

Glossy or Matt depending on the substrate.

• **Applications**

Manufacturing of dry transfer for industrial printing on wood, plastics, glass, metals, etc....

• **Major advantages**

Very good flexibility of the ink film, good resistance to chemicals products, petroleum products, sea water, etc...

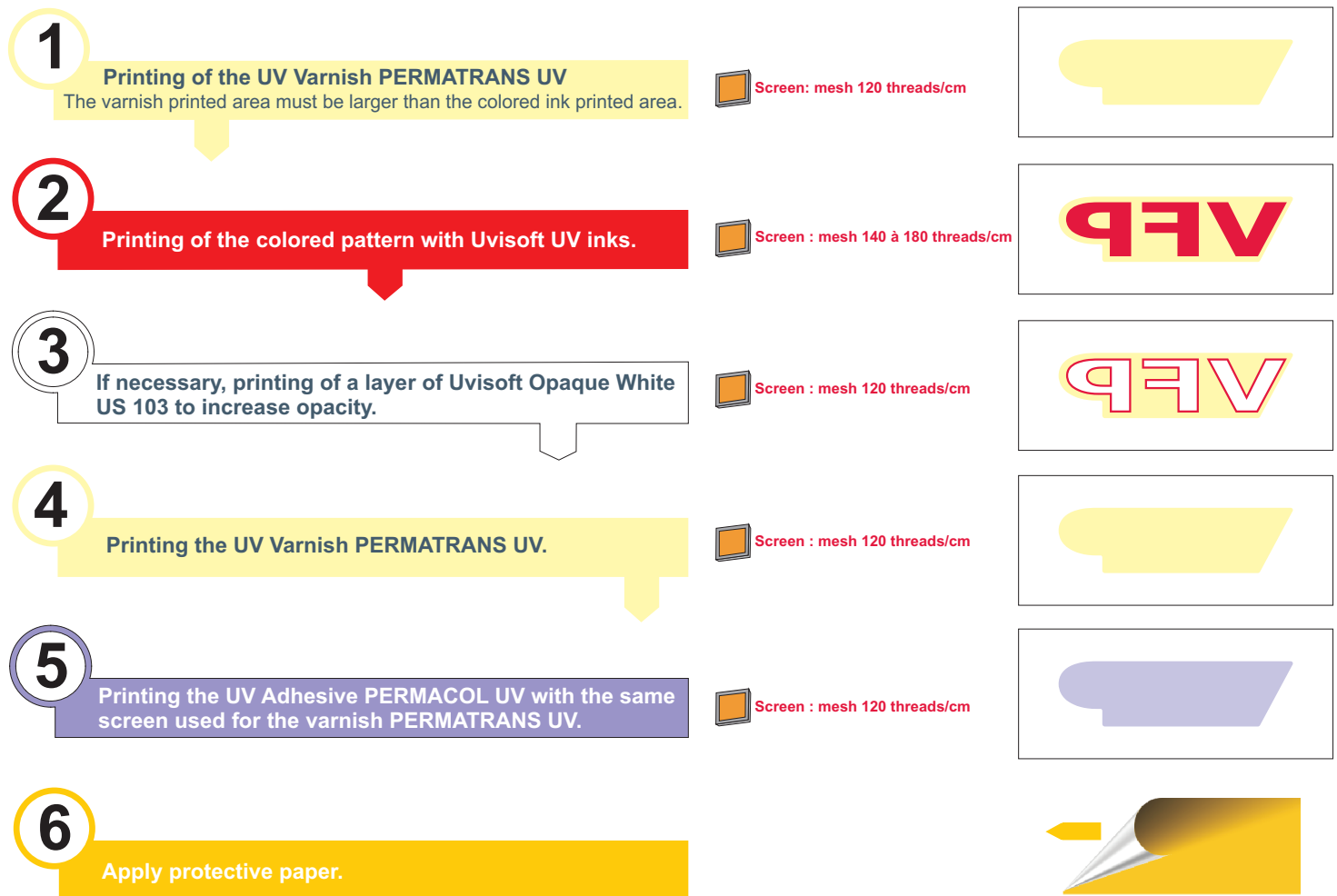
• **Equipment**

All kinds of equipments.

### OPERATING METHOD

• **How to print UV Dry Transfer.**

### PRINT ON THE BACKSIDE



### APPLYING METHOD

Remove the protective paper.

Ensure proper positioning of the transfer on to the final support, apply pressure on the surface and remove the clear substrate.

Wait at least 48h for a full curing before making any test.



**Guarantee reserves**

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Please always refer to our general conditions of sales.

### • Finish

Glossy or Matt depending on the substrate.

### • Applications

Manufacturing of dry transfer for industrial printing on to wood, plastics, glass, metals, etc...

### • Equipment

All kinds of equipments.

## PRINTING CONDITIONS



### Screens

All types of mesh between 90 and 120 threads /cm.  
Stencil : Emulsions or film must be solvent resistant.



### Squeegees

Polyurethane squeegee mono hardness 75 sh.



### Coverage

With a 90 thread/cm, 1 kg will cover 50 to 55 m<sup>2</sup>.



### Dilution

PERMATRANS UV varnish is ready to use.  
Up to 5 % of UV 201 can be added.



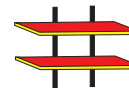
### Cleaning

We recommend the cleaning solvent X1 ou 77 Bio.



### Packaging

PERMATRANS PMVE UV 1kg  
PERMATRANS PMVE UV 5 kg



### Storage

1 year in closed pails kept between +5 and +35°C.



### Curing

PERMATRANS UV will polymerize at 120Mj/cm<sup>2</sup> with a mesh of 120 threads/cm.



### Handling

Pail opened for sampling must be carefully closed as soon as possible; artificial or natural light may induce an initial polymerization characterised by the formation of a surface skin. It is recommended for this reason to work with reduce lighting or with no-actinic light.



### Hygiene and safety

Although the products chosen for use in formulating are not dangerous, they can produce allergic reactions in some particularly sensitive people. Ink or thinner stains on skin will be washed immediately using soapy water. In all cases, please refer to our safety datasheets..

## How to print the Varnish / Adhesive

Full Varnish

Cropping Varnish

Without overlap Varnish

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## Ink Technologies

## UV DRY TRANSFER

### • Finish

Glossy or Matt depending on the substrate.

### • Applications

Manufacturing of dry transfer for industrial printing on to wood, plastics, glass, metals, etc...

### • Major advantages

Ink ready to use and mono component. No dilution.

### • Equipment

All kinds of equipments.

## PRINTING CONDITIONS



### Screens

All types of mesh between 140 and 180 threads /cm.  
Stencil : Emulsions or film must be solvent resistant.



### Squeegees

Polyurethane squeegee mono hardness 75 sh.



### Coverage

With a 140 thread/cm<sup>2</sup>, 1 kg will cover 70 to 75 m<sup>2</sup>.



### Dilution

To adjust the viscosity up to 5 % of UV 201 can be added



### Cleaning

We recommend the cleaning solvent X1 ou 77 Bio.



### Mixing

All colors and the base can be mixed together.

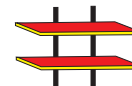


### Packaging

UVISOFT 1kg

UVISOFT 5kg

Basic colors	Four color process
US 102 White	US 002G Base Tixo
US 404 Orange	US 560G Yellow Tixo
US 406 Golden Yellow	US 750G Cyan Tixo
US 501 Lemon Yellow	US 860G Magenta Tixo
US 612 Green	US 950G Black Tixo
US 701 Violet	
US 719 Blue	
US 801 Red	
US 810 Carmin	
US 811 Pink	
US 902 Black	
	White / Black / Varnish
	US 103 Opaque white
	US 905 Opaque Black
	US 003 Varnish



### Storage

1 year in closed pails kept between +5 and +35°C.



### Curing

The UVISOFT will polymerise at 120 Mj/cm<sup>2</sup> with a mesh of 150 threads / cm.



### Handling

Pail opened for sampling must be carefully closed as soon of possible; artificial or natural light may induce an initial polymerization characterised by the formation of a surface skin. It is recommended for this reason to work with reduce lighting or with no-actinic light.



### Hygiene and safety

Although the products chosen for use in formulating are not dangerous, they can produce allergic reactions in some particularly sensitive people. Ink or thinner stains on skin will be washed immediately using soapy water. In all cases, please refer to our safety datasheets..

### Guarantee reserves

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## Ink Technologies

## UV DRY TRANSFER

- **Finish**

Clear.

- **Applications**

Permanent adhesive for UV Dry Transfer.

- **Major advantages**

Adhesive ready to use. Mono component.

- **Equipment**

All kinds of equipments.

## PRINTING CONDITIONS



### Screens

All types of mesh between 100 and 120 threads /cm  
Stencil : Emulsions or film must be solvent resistant.



### Squeegees

Polyurethane squeegee mono hardness 75 sh.



### Coverage

With a 140 thread / cm, 1 kg will cover 70 to 75 m<sup>2</sup>.



### Dilution

PERMACOL UV adhesive is ready to use.  
To adjust the viscosity up to 5 % of UV 201 can be added.



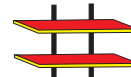
### Cleaning

We recommend the cleaning solvent X1 ou 77 Bio.



### Packaging

PERMACOL PMAD UV 1kg  
PERMACOL PMAD UV 5kg



### Storage

1 year in closed pails kept between +5 and +35°C.



### Curing

PERMACOL PMAD UV adhesive will cure between 190 & 220 mj/cm<sup>2</sup>.



### Handling

Pail opened for sampling must be carefully closed as soon of possible;  
artificial or natural light may induce an initial polymerization characterised  
by the formation of a surface skin. It is recommended for this reason to  
work with reduce lighting or with no-actinic light.



### Hygiene and safety

Although the products chosen for use in formulating are not dangerous,  
they can produce allergic reactions in some particularly sensitive people.  
Ink or thinner stains on skin will be washed immediately using soapy water.  
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### Guarantee reserves

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### TB1002S

- **Finish**

Glossy, both sides treated.

- **Applications**

Manufacturing of dry transfer for industrial printing on to wood, plastics, glass, metals, etc...

- **Major advantages**

Coating especially developed for the PERMATRANS UV.

- **Sheet size**

700 x 500 mm

- **Packaging**

Box of 200 sheets.

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### TM1002S

- **Finish**

Matt, both sides treated.

- **Applications**

Manufacturing of dry transfer for industrial printing on to wood, plastics, glass, metals, etc....

- **Major advantages**

Coating especially developed for the PERMATRANS U.V.

- **Sheet size**

700 x 500 mm

- **Packaging**

Box of 200 sheets.

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### PROTECTIVE PAPER

- **Applications**

To protect the UV ADHESIVE PERMATRANS.

- **Sheet size**

700 x 1000 mm

- **Packaging**

Box of 200 sheets.

#### *Guarantee reserves*

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