

TECHNICAL SPECIFICATIONS

PRODUCT DESCRIPTION

UVRELR V2 is a NON CMR UV relief varnish.

APPLICATIONS

Varnish formulated for a Braille type of impression.
*The above-mentioned substrates may differ according to their origin.
 It is therefore essential to carry out preliminary tests.*

PRINTING

Rotary screen-printing machines.

MAJOR ADVANTAGES

- Highly flexible.
- Good reactivity.
- Ideal for Braille or fine relief printing.

APPEARANCE

Transparent, glossy finish.

Substrates	Paper, Polyethylene and top coated polypropylene.
Mesh	DY, BY and BU
Emulsion	All types of solvent and UV resistant emulsions
Squeegee	65 shore A minimum
Drying	About 120mJ/cm ²
Diluent & Additive	Ready-to-use
Cleaning	77B10
Storage	24 months stored in between +5°C and +35°C

COLOR RANGE & PACKAGING

VARNISH

UVRELR V2 5 KG

DILUENTS AND ADDITIVES

THINNER UV201 1 KG

FAST THINNER LA202V2 1 KG

INSTRUCTIONS FOR USE

Stencil

DY, BY and BU type.

Squeegees

Flexible polyurethane, hardness A65 Shore, profil P0 or 05 to obtain a maximum deposit.

Dilution

UVRELR V2 varnish is ready-to-use.

Drying

L'UVRELR V2 will polymerize under a UV dose of around 120 mJ/cm².

Product Properties

On substrates with low surface energy, the treatment must be higher than 41 dynes/cm. Complete polymerization is achieved within 24 hours, and adhesion and resistance will continue to improve over time. After passing through UV lamps and then cooling the substrate completely to room temperature, the printed ink film must withstand the 3M810 scotch tape test after squaring.

Handling

Homogenize before use.
 After extraction of the ink, open containers need to be carefully and promptly closed. Artificial or natural light can cause the start of polymerization and lead to the formation of a skin on the surface. For this reason, it is advisable to work in a low lighting or safelight environment.

Screen cleaning

Cleaning with the 77B10 solvent is recommended.

WASTE MANAGEMENT

Packaging contaminated with hazardous substances.
Do not dispose into the environment.

VFP Ink Technologies encourages all users to develop a responsible environmental policy.

STORAGE

24 months in its original packaging stored between +5°C and +35°C.

HEALTH AND SAFETY

Refer to the MSDS.
We recommend that you wear Personal Protective Equipment recommended by the MSDS and follow its handling precautions.

Guarantee reserves: Although the data in this leaflet have been established after careful testing, it is provided as a guide; no liability can arise from this for VFP, it being understood that we advise you to carry out preliminary tests before any commercial draw. No seller, representative or agent has the right to give any guarantee or insurance, which would be in contradiction with what is said above. In any case, refer directly to our general conditions of sale.