

TECHNICAL SPECIFICATIONS

PRODUCT DESCRIPTION

UV RELIEF BIOSOURCED is a partly bio sourced non-CMR UV varnish.

APPLICATIONS

High-viscosity varnish for relief printing and for Braille impression.
*The above-mentioned substrates may differ according to their origin.
 It is therefore essential to carry out preliminary tests.*

PRINTING

Flatbed and rotary roll-to-roll machines for continuous label printing.

MAJOR ADVANTAGES

- Highly flexible.
- Good reactivity.
- NON CMR.
- Incorporates raw materials of bio-sourced origin.

APPEARANCE

Glossy finish.



Substrate	Paper, polyethylene and top coated polypropylene
Mesh	50 to 160 threads/inch 21 to 63 threads/cm
Emulsion	All types of solvents and UV resistant emulsions
Squeegee	65 shA
Drying	Under UV radiation
Diluent and additive	Ready-to-use
Cleaning	77 BIO
Storage	12 months stored between +5°C et +35°C

COLOR RANGES & PACKAGING

VARNISH

UVRELBRC 5 KG

INSTRUCTIONS FOR USE

SCREEN

All mesh types from 21 to 63 threads/cm.
 Emulsions and films must be solvent resistant.
 Stencil: 125.

SQUEEGEE

Flexible polyurethane, hardness 65shA, to obtain a maximum deposit.

PERFORMANCE

With a 43 threads/cm, 1kg will cover about 20m².

DILUTION

UV RELIEF BRC (UVRELBRC) varnish is ready-to-use.

DRYING

UV RELIEF BIOSOURCED printed on a 43 thread/cm mesh will polymerize under a UV dose of around 150 mJ/cm².

HANDLING

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 tape test after squaring.

SCREEN CLEANING

Cleaning with the 77BIO bio 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.

HEALTH AND SAFETY

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

STORAGE

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

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.