

Ink Technologies

- **Aspect**
Transparent, colorless, glossy finish
- **Applications**
Bi-component UV overprint varnish on Polygloss or VHRC inks
- **Major advantages**
High resistance to solvents, hydrocarbons and bad weather
- **Printing**
Automatic and semi-automatic machines

UV INK

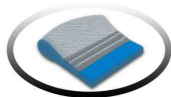


TECHNICAL CHARACTERISTICS



Screens

Fabrics: all mesh types from 77 to 100 threads/cm
Reports: emulsions and films must be solvent resistant



Squeegees

Polyurethane, hardness 75 SH minimum (Medium), minimum slope with a good sharpening



Coverage

With a 100 threads/cm fabric, 1kg of varnish + 100 gr of UV280 will approximately cover 45 to 55 m²



Dilution

No dilution
The shelf life of the mixture (ink + hardener) is 2 hours



Cleaning

Cleaning with the solvent 77BIO, 77NETX2 or X3 is recommended



Packaging

UVRS03 1kg UV280 100CC
UVRS03 5kg



Storage

Two years in its original packaging stored in between + 5°C and + 35°C



Drying

With a 100 mesh, the UV/RS03 varnish will polymerize under a UV dose of approximately 120 to 150 MJ/cm²

The varnish can thereafter be handled and is dry to the touch.

Adherence and resistance: After 8 days of storage, the varnish is completely polymerized and provides an exceptional resistance to hydrocarbons but also to alcohols and to most standard solvents. The utilization of the UV/RS03 varnish on vinyl inks or VHRC and on 5 to 7 years guaranteed substrate produces adhesives highly resistant to bad weather



Handling

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



Hygiene and safety

Although the products selected for the formulation are not dangerous as such, contact can cause allergic reactions in some particularly sensitive individuals. Ink soils on the skin should be cleaned as soon as possible with soapy water. In any case, refer directly to the safety sheets

Guarantee reserves

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