

Ink Technologies

- **Aspect**
Satin finish
- **Applications**
Polyamide, polyester (molded fabrics and objects), polyurethane
- **Major advantages**
Immediate stacking at the exit of the tunnel. Fast drying with fine mesh. Great flexibility of the ink film
Approximately 400 % elongation capability. Strong performances against light and bad weather
- **Printing**
Automatic and semi-automatic machines

SOLVENT INK

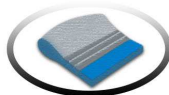


TECHNICAL CHARACTERISTICS



Screens

Fabrics: all mesh types from 43 to 120 threads/cm.
Reports: emulsions and films must be solvent resistant



Squeegees

Polyurethane, hardness 65 SH



Coverage

With a 120 threads/cm fabric, 1 kg will approximately cover 55 to 65 m²



Dilution

Depending on the mesh, the NYLOTHANE range is diluted with 10 to 20 % of the NY 201 thinner. In case of higher ambient temperature or thinness, the use of the NY 203 retardant pure or mixed with the NY 201 is advisable



Cleaning

Cleaning with the solvent 77BIO, 77NETX1 or X1SE is recommended



Packaging

NYLOTHANE 1 kg



Storage

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

Guarantee reserves

Although the data indicated in this document have been established after thorough tests, they are only given as an indication. VFP Company cannot be held responsible in any way, it being understood that we recommend making tests before starting any production run. No salesman, representative or agent is entitled to provide a guarantee or any insurance which might contradict the above statement. Please always refer to our general sale conditions.



Adhesion/resistance

In the case of untreated substrates, the NYLOTHANE ink can be used without incorporation of additives.
For printing on treated substrate, incorporate 2% of the NY290 adherence enhancer or the following mix:
NYLOTHANE ink 100% + catalyst NY281 10% + NY290 2%.
The shelf life of these 2 or 3 components mixture is about eight hours.
Good resistance to household wash but not to dry cleaning



Drying

In ambient air, the prints will be touch-dry after about 30 min depending on temperature and ventilation conditions and stackable after about 3 h.
In a hot air tunnel for a few seconds at 40/45°C.
The drying process in the tunnel carried out immediately after printing freezes the ink at the surface and limits the penetration in the textile substrates ensuring a better opacity than with the ambient air-drying process.
In the case of multi-colored prints, ensure the superimpositions have dried thoroughly



Handling

After extraction of the ink, open pots need to be promptly and carefully closed to prevent any contamination or dust. The viscosity can be altered following solvent evaporation and will have an impact on the ink properties



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