



NoriJet S

Screen Printing Ink

Area of Application and General Characteristics

NoriJet S is a fast drying multi-purpose screen printing ink. It can be used for printing on rigid and soft PVC, PVC self-adhesive films, acrylics, polystyrene, ABS, SAN, polycarbonate, paper and cardboard.

NoriJet S is a versatile ink system for print shops wanting to be flexible in view of printing a variety of materials. It is **press-ready**, provides excellent light-fastness and is fast drying. On thermoplastic substrates, NoriJet S can be thermoformed.

Weather Resistance

NoriJet S shows good weather resistance.

When printing mixtures with a high amount of white, please take into consideration that such ink films tend to chalking under unfavourable weathering conditions.

In addition, White Opaque 944 shall not be used for outdoor applications.

Finish

Satin glossy.

In order to obtain a stronger matting effect, use Pröll Matt Paste 098. For dull matt surfaces use about 10 % Matt Paste 098. After matting, it might be necessary to add some Thinner S 411.

Color Shades

| | | | |
|--|--------------------------|----------------------|-----------------------|
| Basic Colors for the Proell Matching System | 093 Colorless | 368 Red Transparent | 669 Green Transparent |
| | 102 Citron | 429 Red Violet | 945 White |
| | 104 Yellow* ¹ | 467 Pink Transparent | 948 Black |
| | 207 Orange* ¹ | 472 Violet | |
| | 312 Red | 564 Blue Transparent | |

NoriJet S is also miscible with the Proell ink system JET® 200. In this case it is important to adjust the printing viscosity with a suitable Proell thinner.

| | | | |
|------------------------|------------------|-----------------|------------------|
| Standard Colors | 101 Yellow Light | 518 Blue Light | 610 Green Medium |
| | 209 Orange | 520 Ultra Blue | 627 Green Loud |
| | 314 Red Dark | 521 Blue Medium | 628 Green Light |
| | 315 Red Medium | 522 Marine Blue | 836 Brown |
| | 417 Violet | 523 Blue Dark | 944 White Opaque |
| | | | |

Thinning

NoriJet S is delivered press-ready. If, depending on the printing motive, retarding is desired, use NoriJet Retarder Paste VZ4-P.

Fabric

All usual screen printing fabrics and mesh counts are suitable. Generally we recommend mesh counts between 80 and 120 threads /cm (200 and 300 threads/inch).

Stencil

Solvent resistant emulsions must be used. Excellent results during long production runs are achieved by using Pröll Diazo-UV-Polymer Emulsion Norikop 10 HQ.

*¹ = Not to be used for printing on soft PVC or plastics containing high amounts of plasticizers.
Not suitable for vacuum forming.

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Drying

NoriJet S dries extremely fast in the air as well as in tunnel dryers. This allows to take the best advantage of high-performance screen printing machines.

Overprinting

Overprint Varnish NoriJet S 093 Colorless

Cleaning Screens and Utensils

UNI-CLEANER FP61 and UNI-REIN A III.

Shelf Life

The shelf life stated on the label assures the ink's quality and refers to unopened original cans stored in a dry place at temperatures between 5 °C (40 °F) and 25 °C (75 °F).

Important

Allow the ink as well as all the auxiliaries to be added to adjust to room temperature in the closed container before use.

Printing results, to a large extent, depend on the substrate as well as the printing and application conditions. We recommend checking your printing materials under your conditions of use prior to any production runs. Materials that are supposed to be identical may vary from manufacturer to manufacturer and even from batch to batch. Some substrates may have been treated with or can contain sliding agents, antistatics or other additives which will impair the adhesion of the inks.

In general please refer to our technical leaflet "General Information on Screen Printing Inks" which may be downloaded from our website www.proell.de, click Downloads ⇒ Solvent-Based Screen Printing Inks.

The information contained in the technical information/instruction sheets or other product information sheets is based on product testing conducted by Pröll. Because printing and environmental factors critically affect each individual ink application, the above mentioned information and instructions represent only general recommendations concerning product characteristics and directions for use and should not be construed as representing express warranties regarding the product. The information and instructions in no way release the purchaser from his obligation to verify and test the inks and their application for the specific request, regarding: product characteristics, weather resistance, mixing proportions, gloss, thinning, special mixtures, printability, drying speed, cleaning, effects on or of other materials to be contacted and safety precautions. All details contained in the instruction sheet "General Information on Screen Printing Inks" are to be considered. The further manufacture and use of products containing our inks by the purchaser takes place beyond our control, and the responsibility for further application and use of our product resides solely with the purchaser. Pröll disclaims any warranties, express or implied.

This information supersedes all previous technical information.