



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 materials. It is **press-ready** and provides excellent light-fastness and fast drying. On thermoplastic substrates NoriJet S can be thermoformed.

Weather Resistance

NoriJet S shows good weather resistance.

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 can 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.

Further Directions for Processing

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

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.