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# NoriCure<sup>®</sup> UV-L 2

## UV-Curing Screen Printing Lacquer

**Area of Application**    **NoriCure<sup>®</sup> UV-L 2 is designed for printing on paper, cardboard, rigid PVC, PVC self-adhesives and for overprinting of printed products.**

**Characteristics**        NoriCure<sup>®</sup> UV-L 2 offers:

- press ready formulation, so easy processing
- good screen stability, no drying in the screen
- fast processing speed
- high gloss
- good adhesion to UV, solvent and water-based inks as well as offset inks
- excellent scratch and abrasion resistance
- resistance to cutting

**Important**                Printing results, to a large extent, depend on the substrate as well as the conditions of use. We recommend checking your substrate under your printing conditions before performing 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 sliding agents, antistatic or other additives which can impair the adhesion of inks.

When using UV-curing lacquers such as NoriCure<sup>®</sup> UV-L 2 the compatibility between the lacquer and the ink system to be overprinted must be tested. Tests concerning adhesion and scratch resistance as well as the suitability for further processing or converting steps are necessary.

<b>Mesh</b>	Polyester fabrics of 120 – 165 threads/cm (300 – 410 threads/inch).
<b>Stencil</b>	Solvent resistant emulsions or capillary films must be used. Excellent results during long production runs are achieved by using Pröll emulsions Norikop 2 FP, Norikop 7 S or Norikop 8 HR.
<b>Curing</b>	Fast curing lacquer with approx. 20 – 35 m/min conveyor speed, depending on the UV lamp (80 – 120 W/cm = 200 – 300 W/inch), the fabric fineness, the printing substrate and the color of the substrate to be overprinted.
<b>Overprinting of Inks</b>	Overprinting is possible, but due to the mentioned parameters, however, the compatibility of the systems has to be checked before starting any production runs.
<b>Cleaning</b>	Screens and utensils are cleaned with Pröll Uni-Reiniger.
<b>Shelf Life</b>	Allow the product to adjust gradually to room temperature before use.  The shelf life stated on the label assures the product'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).

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.