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Norilit[®] CS

Screen Printing Ink and Pad Printing Ink

Area of Application Norilit[®] CS is a solvent-based ink system, which is mainly used for printing on lacquered and powder-coated sheet metal, UV-lacquered substrates and lacquered wood. Additionally, good results are provided, when screen printing on paper, paperboard and card-board. The screen printing ink is characterized by good screen open time, fast drying and good blocking resistance. For outdoor use Norilit[®] CS shows medium resistance which is strongly dependent on the quality of the substrate.

Finish Satin glossy

Color Shades Basic Colors for the Pröll's Matching System

093	Colorless	467	Pink Transparent
102	Citron	472	Violet
104	Yellow	566	Blue Transparent
207	Orange	669	Green Transparent
312	Red	941	Blending White
368	Red Transparent	951	Blending Black
429	Red Violet		

Standard Colors

944	White Opaque
945	White
948	Black Transparent

Please note:

Since color shade 948 Black is rather transparent, we recommend using 951 Blending Black, especially for pad printing.

Thinning	<p><u>Screen Printing:</u> Thinner: Norilit® CS 090</p> <p>Retarders: VZ, K 097 and VZ 2 or a corresponding mixture</p> <p>Quantity: approx. 10 %</p> <p><u>Pad Printing:</u> Thinners: 6601 Tampo-Jet SK 090 (fast) Norilit® CS 090 (medium)</p> <p>Retarder: VZ (slow)</p> <p>Quantity: approx. 20 %</p>
Drying	Norilit® CS dries physically by solvent evaporation. Drying at increased temperatures can improve adhesion and scratch resistance on problematic substrates.
Other Directions for Processing	Auxiliaries from any other Pröll ink system such as process paste, matting agent and thinner paste cannot be used with the ink type Norilit® CS.
Fabric	All usual screen printing fabrics and mesh counts are suitable.
Stencil	Solvent resistant emulsions must be used. Excellent results during long production runs are achieved by using Pröll emulsion Norikop 2 FP.
Cleaning	Screens and utensils can be cleaned with UNI-REIN A III or UNI-CLEANER FP61.
Shelf Life	<p>Allow the ink as well as all the auxiliaries to be added to adjust to room temperature in the closed container before use.</p> <p>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).</p>

Important

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 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 or contain sliding agents, antistatics or other additives which may impair the adhesion of the inks.

Any contact of the ink film with materials containing softening agents must be avoided.

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 Download ⇒ Screen Printing Inks ⇒ General information on screen printing inks.

Norilit® CS does not contain any pigments based on toxic heavy metals (DIN EN 71, part 3).

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.