

Innovative screen printing lacquers for industrial applications



Norilux® DC

Norilux® DC is a formable, abrasion and chemically resistant dual cure screen printing lacquer. Norilux® DC can be used as protective lacquer or hard coat on PC, PMMA, ABS and PP films.

Norilux® DC is ideally suited for first surface protection of products manufactured in IMD/FIM technology.

The glossy version of the dual cure lacquer can be printed on textured film surfaces to produce abrasion resistant and transparent display windows.

The matt version of Norilux® DC can be printed on uncured transparent hard coat films such as Makrofol® HF 278 or 312 to create matt and high gloss effects in one item.

Besides the high glossy Norilux® DC lacquer, various matt grades and UV-stabilized versions are available as well.

Norilux® DC dries by evaporation of the solvents in jet dryers.

Films decorated with Norilux® DC can be 3D formed after box oven drying e.g. by high pressure forming or thermo forming. Afterwards, the formed films must be UV cured. The cured lacquer layer shows excellent resistances to abrasion, chemicals and cleaning agents and passes various creme tests of the automobile industry.



Sanitary panels first surface decorated with Norilux® DC matt. Second surface decoration on Makrofol® DE 1-1 was printed with the IMD/FIM ink system NORIPHAN® HTR N.



Decorative trims, first surface protected with Norilux® DC. Second surface decoration was printed with the IMD/FIM ink system NORIPHAN® HTR N.

NoriCure® UV-L3

NoriCure® UV-L 3 is a UV-curing screen printing lacquer showing excellent scratch and abrasion resistance. The cured surface of the lacquer resists even strong wipes with steel wool.

The high glossy UV-lacquer is designed for printing on PC films, coated PET films (e.g. Autotype Autoflex EPG 180, Autotex V200), various rigid PVC films and for overprinting of printed products.

The lacquer is used to overprint and protect displays, lenses and panels. The cured lacquer shows excellent resistances to chemi-

cals and cleaning agents. Besides the high glossy NoriCure UV-L3, matt (NoriCure® UV-L 3/001) and textured (NoriCure® UV-L 3/002) as well as UV-stabilized (NoriCure® UV-L 3/003) versions are available.



NoriCure® UV L53795

NoriCure® UV L 53795 is an overprinting varnish for exterior applications.

The UV-curing screen printing lacquer can be used for overprinting solvent-based ink systems (e.g. NORIPHAN® HTR N, NORIPHAN® N2K, NoriPET®) as well as for printing on PVC self-adhesives and rigid PVC. It is not suitable for printing on inks which contain silicones.

NoriCure® UV L 53795 protects the overprinted ink layers and is outdoor resistant.

NoriCure® UV-L 2

NoriCure® UV-L 2 is designed for printing on paper, cardboard, rigid PVC, PVC self-adhesive films and after pre-tests for overprinting of printed products.

A matt version is available as NoriCure® UV-L 2/001 and a high gloss lacquer as NoriCure® UV-L 2/002.

Overprint Lacquer L 49626

The glossy, water-based screen printing lacquer is used for overprinting water-based screen printing inks.

Matt Lacquer ATM 1 and Matt Lacquer ATM WB 6

Matt Lacquer ATM 1 (solvent-based) and Matt Lacquer ATM WB 6 (water-based and UV-stabilized) are formable matt lacquer systems for overprinting polycarbonate film instrument gauges (speedometer panels). Printed films are excellent deep-drawable by vacuum or high pressure forming. Both matt lacquers can be used as well for matting high gloss films made of PC, pre-treated PET and rigid PVC. The screen printed deep matt lacquer surface has a soft grip and shows good scratch and chemical resistances.



Nori® Protect XCP

Nori® Protect XCP is a glossy, solvent-based and weather resistant two-component screen printing protective lacquer showing good chemical and mechanical resistances.

Nori® Protect XCP is suitable for printing on polycarbonate, rigid PVC, polystyrene, ABS and SAN, pre-treated PET films and corona-treated polyolefins (PE and PP) as well as for metal and aluminum.

Decorated surfaces can be overprinted resp. protected with Nori® Protect XCP. The ink layer is formable on suitable substrates.

The lacquer has been formulated user-friendly in terms of ingredients and is free of aromates cyclohexanone and phthalates.