The proven and tested NORIPHAN® HTR N ink system from Proell is used worldwide for film insert molding applications and dial printing. Thanks to permanent product development further ink systems have been developed, such as the formable two-component ink systems NORIPHAN® XMR and NORIPHAN® XWR. Both of these ink systems can be used as a washout barrier during the injection molding process while showing excellent adhesion in compound and long term durability in the final part. The black color shades of the ink systems NORIPHAN® XMR and XWR can be used for back printing of conductive pastes in functional IMD/FIM parts due to their high electric resistance.

**Ink System:**
- NORIPHAN® HTR N
- NORIPHAN® PCI N
- NORIPHAN® N2K
- NORIPHAN® XWR
- NORIPHAN® XMR
- NoriAmid
- Noricyr®
- NoriPET®
- NORIPHAN® XWR + NoriPress® PP  

**Substrate:**
- Makrofol®/Bayfol® films
- PC films (<125µm), PET films
- PC and PET films
- PA films
- PLEXIGLAS® films
- PET films
- PicoFORM – PP films

**Injection Resin:**
- PC/ABS/PMMA
- PC/ABS/PMMA
- PC/ABS
- PC/ABS
- PA/PMMA/PC/ABS
- PMMA/ABS
- ABS
- PP

Norilux® DC, a broad range of formable, abrasion, and chemically resistant dual cure lacquers, can be used to protect first surface decoration or polycarbonate surfaces with various matte and glossy finishes.