



**Innovative Inks &
Functional Lacquers**

Pröll

NoriGlass OR

Proell

Glass
Inks

NoriGlass OR 960 Deep Black

**Screen Printing Inks
for Glass**

NoriGlass OR

NoriGlass OR (Outdoor Resistant) is a glossy silicone free 2-component stoving screen printing ink for glass.

The outdoor resistant ink has been developed for the second surface decoration of glass, particularly for backlit displays of vending or ticket machines.

NoriGlass OR is easy to process and shows high UV resistance.



NoriGlass OR shows low electrical conductivity, which makes it suitable as an insulating layer.

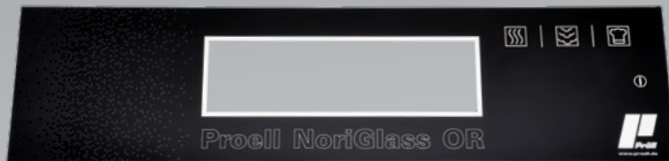
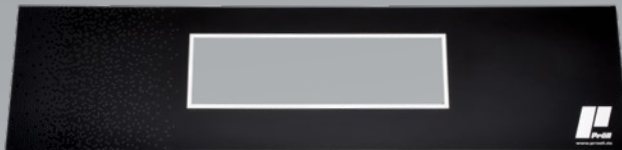
In addition to the basic colors, highly opaque and transparent color shades as well as **IR transparent black shades** are available.



NoriGlass OR

Properties:

- glossy two-component screen printing ink for glass
- high UV resistance
- Silicone free and halogen free (depending on pigmentation)
- formulated without cyclohexanone and aromatic hydrocarbons
- long screen open time



NoriGlass OR 930, the **highly opaque Titanium White** and **NoriGlass OR 960**, the **highly opaque Deep Black** are ideally suited for the realization of touch panels or capacitive touch switches for outdoor applications when printed on second surface.

The Titanium White ink layer is highly opaque and convinces with its pure white color shade.

The highly opaque Deep Black ink layer convinces with its optical density and is suitable for the production of touch sensors due to its **high electrical resistance**.

NoriGlass TP

NoriGlass TP is a glossy cyclohexanone, silicone and halogen free screen printing ink for glass. The two-component ink has been developed for the second surface decoration of glass, particularly for symbols of touch switches and for backlit displays, e.g. smart phone and tablet displays.

This organic stoving ink provides very high resistance towards chemicals and abrasion.



NoriGlass TP shows low electrical conductivity.

In addition to the basic colors, highly opaque and transparent colour shades are available.

With **NoriGlass TP 930** Titanium White and **NoriGlass TP 960** Deep Black **highly opaque color shades** for the decoration of touch panels or capacitive touch switches are available from stock.

ZK-Two-Component Ink

Glossy ink system for printing on glass, metal, pretreated polyolefins and molded thermosets.

ZK-Two-Component Ink is used to achieve high resistance to aggressive media and to mechanical stress. For this reason, it is also used to print on perfume flacons, as well as on plastic containers for chemicals and cosmetics.



Aqua-Temp SIG Protective Lacquer L 68742

Aqua-Temp SIG L 68742 is a water-based stoving lacquer for glass decoration.

The screen printing lacquer can be used for second surface printing of decorated glass panels and displays for household appliances.

The water-based two-component lacquer shows excellent printability and good screen opening properties.

Aqua-Temp SIG is based on organic binding agents and is formulated user-friendly nearly without solvents. The printed and stoved ink layers show excellent resistances towards chemical cleaners and solvents.



The protective lacquer has been developed as final overprinting layer. The stoved screen printing lacquer shows excellent scratch resistance, comparable with hard coated surfaces. Subjacent ink layers are perfectly protected during the mounting process, e.g. glass panels for refrigerators.

The protective lacquer can also be used for overprinting of solvent-based ink systems (not yet stoved) such as **NoriGlass OR**, **NoriGlass TP** and **ZK-Two-Component Ink**.

Selection of Color Shades

The Proell Color Matching System consists of basic colors and one lacquer which can easily be used to match nearly any color shade.

A variety of standard, transparent and highly opaque colors, IR transmitting color shades as well as metallic and effect pigment colors are available in the screen printing range.

Proell printing inks and lacquers are manufactured in compliance with RoHS and REACH. Proell inks do not contain any pigments based on toxic heavy metals.

The quality and environmental management system of Proell GmbH is certified according to ISO 9001, ISO 14001 and ISO 45001.

Custom-made ink and coating solutions are our expertise.



Proell GmbH

Treuchtlinger Str. 29 · 91781 Weissenburg i. Bay. · Germany

Phone: +49 9141 906-0 · info@proell.de · www.proell.de