



Edwin Tafelmeier
Laboratory Manager



SunVetro™ VTGL

New UV-curing Ink Range for Printing on Glass

FIRST CHOICE OF ORGANIC SCREEN PRINTING INKS

Sun Chemical offers a new UV-ink range for printing on glass. This new product is especially suitable for printing large numbers of drinking glasses.

One of the many advantages offered by this range is the possibility of continuous printing as the system does not require intermediate screen cleaning.

VTGL features easy handling and processing stability and is therefore often the first choice organic screen ink of many printers.

VARIOUS APPLICATION POSSIBILITIES

SunVetro™ VTGL is suitable for a variety of different applications:

- sheet glass for furniture and mirror decoration, cell phones, gaming machines,...
- glass drinkware, bottles, cosmetic and medical vials,...
- ceramic objects such as drinking mugs, bowls,...



Properties

- Excellent adhesion on glass
- High gloss
- Excellent mechanical and chemical resistance
- 100% system, no volatile components, no heavy metals
- Curing with conventional UV-equipment as well as UV-LED



PROCESSING OF SUNVETRO **SunVetro™** VTGL

This ink range is processed as 2-component system with the addition of adhesion promoter. Pot life is approximately 8 hours.

Following the usual pre-treatment of the substrate SunVetro™ VTGL inks are applied with screen mesh ranging from 120 – 165 threads/cm. As this system is highly reactive the prints can be cured with 300 mJ/cm².

Final resistances are achieved after 24 hours.



EXCELLENT RESISTANCES

Printed glasses are dishwasher resistant (more than 250 cycles @ 65°C), show a high resistance against alcohol, solvents as well as aggressive cleaning agents and alkalines. SunVetro™ VTGL also exhibits a high resistance when used for the decoration of perfume bottles.

INTERESTED?

Find out all about the potential of this ink range. Please ask for more information and wet samples.

