

UV-LED-curable Screen Printing Ink for Glass



The time has come for the glass industry to profit from UV-LED technology – with all benefits UV has to offer while excluding UV drawbacks like pre-heating or emissions! In addition, UV-LEDs provide a much longer life span, and energy expenses will drop down below 50%.
A modern and sustainable technology!

Ultra Glass LEDGL is a UV-LED-curable screen printing ink with excellent properties in terms of initial adhesion, opacity, gloss, and reactivity.

Applications

Ultra Glass LEDGL is suited for the following substrates*:

- Packaging glass, e.g. beverage bottles
- Flat glass for indoor use
- Cosmetic bottles
- Restaurant glass
- Glazed ceramics
- Metals
- Anodized aluminium
- Varnished surfaces
- PETG

* pre-treatment partly required

Characteristics Ultra Glass LEDGL	
Unrivalled initial adhesion, All set for immediate post-processing	✓
Very durable thanks to high resistances	✓
Brilliant, high-gloss colour shades, and high opaque shades for full opacity on dark substrates	✓
Made without the use of barium sulfate	✓

For further information please refer to the Technical Data Sheet on www.marabu-inks.com

Benefits of UV-LED Curing:

UV-LED lamps are immediately ready for use

→ No pre-heating necessary, for high outputs

UV-LED units are very compact

→ Saves space!

Only UV-A radiation, causing no ozone emissions

→ No ventilation necessary

Long lifetime of the UV-LED lamps compared to conventional UV lamps

Requires a minimum amount of Energy

→ Needs less than 50 % of the energy used for conventional UV curing

UV-LED units contain no mercury

→ For a safer and more sustainable work and production process

UV-LED does not generate heat

UV-LED inks allow conventional UV, or LED curing without subsequent heat treatment

→ Flexible printing process

In the event of any queries, please contact:

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