

## LED-curable Screen Printing Ink for Container Printing



LED Technology is entering the screen printing market, and many machine manufacturers have decided to profit from the various benefits offered by UV-LED Technology.

Ultra Pack LEDC is a LED-curable Screen Printing Ink which delivers excellent results in terms of adhesion, opacity, degree of gloss, and reactivity.

### Applications

Ultra Pack LEDC is suitable for container printing and flatbed label applications.

Characteristics Ultra Pack LEDC	
Excellently suited for full-area prints or text, e. g. on tubes	✓
Modern rheology and viscosity	✓
Very durable thanks to high resistances	✓
Silicone free Opaque White 171 For perfect flexo overprintability	✓
High Opaque Shades for full opacity ion dark substrates	✓
Brilliant, high-gloss colour shades	✓

For further information please refer to the Technical Data Sheet on [www.marabu-inks.com](http://www.marabu-inks.com)

### Benefits of UV-LED-Curing:

**LED does not emit infrared radiation, and thus no heat**

→ No thermal stress for the substrate

**Only UV-A radiation, causing no ozone emissions**

→ No ventilation necessary

**UV-LED lamps are immediately ready for use**

→ No pre-heating necessary, for high outputs

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

**UV-LED formulation allows conventional UV curing or LED curing without additional post curing**

→ Flexible printing process without conventional post curing

**LED curing at an intensity peak of 380 - 395 nm**

→ Highest energy efficiency

**Depending upon the printing speed, UV-LED lamps with a power range > 4 W/cm<sup>2</sup> can be used**

**In the event of any queries, please contact:**

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