

UV/LED-CURABLE INK High-performance, eco-friendly alternative

Brands recognize the need for adopting more sustainable production methods - including cardboard printing. Consumers demand eco-friendly packaging, and regulators require it.

Eco-friendly

LED inks don't release VOCs compared to even small amounts for water-based inks

No dangerous UVC radiation or ozone produced

The bulbs convert more electricity into light instead of heat

The bulbs consume 30-50% less electricity compared to mercury

Performance

Curing creates a deep ink-to-cardboard bond that resists peeling and cracking

No pretreatment or coatings required

LED inks cure instantly, faster than dry times for water-based inks

Higher resistance to wet environmental conditions.

Greater color consistency with LED- curable inks

Safety

Low risk of ink migration

The LED bulbs do not contain mercury, a toxic heavy metal

No ventilation required

More

These systems are simple and safe

Systems require a much smaller production footprint

Greater versatility for printing on a range of substrates, including plastic corrugate