

LED-UV process inks for paper

General information

The new J+S LED-UV series dries by the effect of energy saving LED lamps. This ink system is in particular suitable for printing temperature-sensitive substrates. LED-UV inks can also be applied with conventional UV-curing systems. A further advantage of the new LED-UV ink is the stable ink- and fountain unit behaviour, also when printing with high or low ink supply as well as high ink mileage due to optimal pigmentation.

Application

Continuous stationery and sheet-fed offset printing. Single and multi-colour printing. Highest gloss will be obtained on smooth papers.

Printing substrates

Uncoated, matt- and glossy-coated papers and carton board.

Technical advice

We recommend our fountain solution CTP 78242:

| | |
|----------|------------|
| pH value | 4,8-5,2 |
| IPA | maximal 5% |
| dH | 8-12° |

Application restriction

These inks are not recommended for printing on food packaging.

Your service

Our competent customer service is always at your disposal. Test our quality and be convinced!

Resistances according to DIN ISO 16524-26

| Process inks | Product code | light WS acc. DIN 16525 | transparent/opaque | spirit | nitro | alkali |
|--------------|--------------|-------------------------|--------------------|--------|-------|--------|
| Yellow | 571170 | 5 | t | + | + | + |
| Magenta | 571171 | 5 | t | + | + | - |
| Cyan | 571172 | 8 | t | + | + | + |
| Black | 571173 | 8 | o | + | + | + |

| Properties | Benefit |
|--|-------------------------------|
| + curing by UV-LED lamp with a wave-length of 385nm | + no formation of ozone |
| + high colour intensity | + environment-friendly system |
| + dot-sharp printing | + better safety at work |
| + especially suitable for temperature-sensitive substrates | + no deformation of substrate |
| + highest rub-resistance | + low energy consumption |
| Packaging size | Wave-length |
| 2,5kg vacuum tin | 385nm |
| other sizes on request | other wave-lengths on request |

State: May 2010

This technical information has only an advisory character and complies with our actual state of knowledge.

Jänecke+Schneemann
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