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TECHNICAL APPLICATION SHEET UV-OFFSET INKS

TYPE 050-UV

PRINTING CONDITIONS: Waterless offset with cooled printing plates (Toray-Plates), UV-curing.

Also usable as UV-curing letterpress inks.

FIELD OF APPLICATION:

Suitable papers, various plastics e.g. PVC, pre-treated Polyolefine (PE/PP), several types of Polystyrene, Polycarbonat, UV-lacquered CD's, credit and telephone cards with overlacquering as well as for label production.

As the substrates could be different regarding their composition and additives, tests under local conditions are necessary.

PROPERTIES:

The inks are conceived for UV-curing printing machines. They have a medium tack and stand out for their low toning properties and high colour intensity allowing accurate ink adjustments.

The cured printing inks are suitable for overlacquering with UV-lacquer. The adhesion on numerous materials as well as the scratch and rub resistance of the cured ink film fulfil highest requirements.

050-UV inks are also especially adjusted for overprinting with UV-screen printing inks (ink types 985-UV, 970-UV/CD).

COLOUR SHADES:

The European Colour Scale for picture printing is available.

Europa-Yellow	050-UV-2110
Europa-Magenta	050-UV-3262
Europa-Cyan	050-UV-5239
Raster Black	050-UV-9045

The four-colour set of the European Colour Scale is heavily pigmented and thus has an extremely high yield. It is advisable to start with a smaller ink supply in order to avoid over-inking the plate.

In addition to the 4 colours of the European Colour Scale, special colour shades in accordance with customer specifications are also available.

member of:

