



Arigi UV K3 ink set

High-performance ink set for multi-pass printing. Low viscous ink set targeted for printing on roll-to-roll, flatbed or hybrid wide-format UV print systems.

Overview

The Arigi UV ink range of high-performance inks is targeted at wide-format printing.

Arigi UV K3 is a UV-curable inkjet ink set suitable for printing on roll-to-roll, flatbed and hybrid wide-format UV printers equipped with bulb or LED curing and based on piezo printheads demanding a viscosity of 5 to 8 mPa.s at jetting temperature.

The 5-color ink set (CMYK + W) is designed for medium flexibility of the prints.

Key benefits

- Medium flexibility of the prints
- Curing with LED or bulb systems
- Wide color gamut combined with low ink consumption
- Excellent jetting performance with high resolution printheads

Field of use

Arigi UV K3 ink set is suitable for multi-pass printing with LED or bulb curing and equipped with piezo printheads with requirement for low viscous inkjet viscosity, including printheads from Kyocera.

Functional specifications

- Multi-pass printing
- Ink set CMYK + W
- Excellent image quality
- Wide color gamut combined with low ink consumption
- White ink with high opacity and good jetting reliability
- Medium flexibility of the prints on flexible media
- Good jetting performance with high-resolution printheads, also for use in fast print mode with “double color printheads”
- Curing with bulbs (various types of mercury bulbs) or UV LEDs (395 nm)
- Intended for printing on a wide range of media

Technical specifications

Target values	Cyan	Magenta	Yellow	Black	WHITE
Static surface tension (25°C)	29–31 mN/m	29–31 mN/m	29–31 mN/m	28–30 mN/m	28-30 nM/m
Viscosity (at 45°C and 12 rpm)	5–6 mPa.s	5–6 mPa.s	5–6 mPa.s	5–6 mPa.s	5–6 mPa.s
Shelf life (from production date)*	18 months	18 months	18 months	15 months	12 months

* when stored under recommended conditions (4-23°C in closed Agfa bottles, not in direct sunlight and away from heat and UV-radiation sources)

Safety information

Safety Data Sheets for Arigi UV K3 ink are available according to EC regulation 1907/2006, including classification and labelling information and safe use information. Such data may also be derived from the respective label.

Note

Our technical advice—whether spoken, written, or through test trials—corresponds to our current knowledge about our products and their use. This is not meant as an assurance concerning certain properties of the products nor their suitability for each application. You are therefore obliged to conduct your own tests with our supplied products to confirm their suitability for the desired process or purpose. The selection and testing of the ink for a specific application is exclusively your responsibility.