



Arigi UV KF5 ink set

High-performance ink set for multi-pass printing. Ink set targeted for printing on roll-to-roll 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 KF5 is a UV-curable inkjet ink set suitable for printing on roll-to-roll and hybrid wide-format UV printers with bulb or LED curing and equipped with high-resolution piezo printheads, including printheads from Kyocera and Epson.

The 7-color ink set (CMYKLcLm + W) is designed for high flexibility of the prints.

Key benefits

- High flexibility of the prints on flexible media
- Curing with LED or bulb systems
- Wide color gamut combined with low ink consumption
- Outstanding image quality
- Excellent jetting reliability
- White ink with high opacity and flexibility

Field of use

Arigi UV KF5 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 and Epson.

Functional specifications

- Multi-pass printing
- Ink set CMYKLcLm + W
- Outstanding image quality
- Wide color gamut combined with low ink consumption
- White ink with high opacity and good jetting reliability
- High flexibility of the prints on flexible media: no cracking when bending or stretching
- Excellent jetting performance with high-resolution printheads, including print modes based on multiple drops (3dps) using small drop sizes
- Curing with bulbs (various types of mercury bulbs) or UV LEDs (395 nm)
- Intended primarily for printing on flexible materials

Technical specifications

Target values	Cyan	Magenta	Yellow	Black	Light Cyan	Light Magenta	White
Static surface tension (25°C)	29–32 mN/m	29–32 mN/m	29–32 mN/m	29–32 mN/m	29–32 mN/m	29–32 mN/m	23–25 mN/m
Viscosity (at 45°C and 12 rpm)	5–7 mPa.s	5–7 mPa.s	5–7 mPa.s	5–7 mPa.s	5–7 mPa.s	5–7 mPa.s	7–9 mPa.s
Shelf life (from production date)*	12 months	12 months	12 months	12 months	12 months	12 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 (preliminary statement, shelf life testing ongoing)

Safety information

Safety Data Sheets for Arigi UV KF5 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.