



Arigi UV F2 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 F2 is a UV-curable inkjet ink set suitable for printing on roll-to-roll and hybrid wide-format UV-printers equipped with bulb or LED curing and based on piezo printheads demanding a viscosity of 8 to 14 mPa.s at jetting temperature.

The 7-color ink set (CMYKLcLmW) is designed for good flexibility of the prints.

Key benefits

- Good flexibility of the prints
- Curing with LED or bulb systems
- Wide color gamut combined with low ink consumption
- Excellent jetting reliability (in many print modes)

Field of use

Arigi UV F2 ink set is suitable for multi-pass printing with bulb or LED curing and equipped with piezo printheads with requirement for standard inkjet viscosity, including printheads from Konica Minolta, Xaar, Ricoh, Toshiba TEC, Fujifilm Dimatix, Seiko.

Functional specifications

- Multi-pass printing ink set
- Ink set CMYKLCmW
- Excellent image quality
- Wide color gamut combined with low ink consumption
- White ink with high opacity and flexibility
- High flexibility of the prints on flexible media
- Excellent jetting performance,
 - . including print modes based on multiple drops (3dpd)
 - . including using small drop sizes
- Curing with bulbs (various types of mercury bulbs) or UV LEDs (395 nm)
- Intended primarily for printing on flexible media

Technical specifications

Target values	Cyan	Magenta	Yellow	Black
Static surface tension (25°C)	28–30 mN/m	28–30 mN/m	28–30 mN/m	28–30 mN/m
Viscosity (at 45°C and 12 rpm)	8–11 mPa.s	8–11 mPa.s	8–11 mPa.s	8–11 mPa.s
Shelf life (from production date)*	18 months	18 months	18 months	18 months

Target values	LightCyan	LightMag	White
Static surface tension (25°C)	23.5 mN/m +/- 1.0 mN/m	23.5 mN/m +/- 1.0 mN/m	23.5 mN/m +/- 1.0 mN/m
Viscosity (at 45°C and 12 rpm)	8–11 mPa.s	8–11 mPa.s	8–11 mPa.s
Shelf life (from production date)*	18 months	18 months	18 months

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

Note: preliminary product leaflet because ink set is in introduction stage; product leaflet will be published when ink set is launched.

Safety information

Safety Data Sheets for Arigi UV F2 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.