



Arigi UV F4 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 F4 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 a broad range of piezo printheads. The 6-color ink set (CMYKLcLm) is designed for high flexibility of the prints. It can be used in combination with Arigi UV F2 white ink.

Key benefits

- High flexibility of the prints
- Curing with LED or bulb systems
- Wide color gamut combined with low ink consumption
- Extremely high jetting reliability over a very long time (in many print modes)

Field of use

Arigi UV F4 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 CMYKLcLm
- Excellent image quality
- Wide color gamut combined with low ink consumption
- High flexibility of the prints on flexible media, no cracking when bending or stretching
- Extremely high 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	Light Cyan	Light Magenta
Static surface tension (25°C)	29–31 mN/m	29–31 mN/m	29–31 mN/m	29–31 mN/m	29–31 mN/m	29–31 mN/m
Viscosity (at 45°C and 12 rpm)	7-9 mPa.s	7-9 mPa.s	7-9 mPa.s	7-9 mPa.s	7-9 mPa.s	7-9 mPa.s
Shelf life (from production date)*	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 F4 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

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

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.