



Arigi UV R3 ink set

High-performance ink set for multi-pass printing. Ink set targeted for printing on flatbed or hybrid wide-format UV print systems.

Overview

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

The Arigi UV R3 ink set is a UV-curable inkjet ink set suitable for printing on flatbed and hybrid wide-format systems equipped with bulb or LED curing and a broad range of piezo printheads. The 7-color ink set (CMYKLcLmW) is designed for highest jetting reliability with a perfect balance between post-processing of images, solvent and scratch resistance.

Key benefits

- Excellent image quality on a broad range of substrates, especially rigids
- Extreme high jetting performance and reliability
- Wide color gamut combined with low ink consumption
- Low odor
- High scratch resistance

Field of use

Arigi UV R3 ink set is suitable for multi-pass printing with bulb or LED curing and equipped with piezo printheads that require standard inkjet viscosity, including printheads from Konica Minolta, Ricoh, Toshiba TEC, Fujifilm Dimatix, Xaar and Seiko.

Functional specifications

- Multi-pass printing
- Ink set CMYKLcLmW
- Excellent image quality
- Wide color gamut combined with low ink consumption
- High scratch resistance and solvent resistance
- Low odor prints
- Extremely high jetting reliability
- Curing with bulbs (various types of mercury bulbs) or LED (395 nm)
- Intended primarily for printing on rigid materials
- Sign & Display as well as industrial applications

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	21–24 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	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 R3 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.