



# Arigi UV HD1 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 HD1 ink set is a UV-curable inkjet ink set suitable for printing on flatbed and hybrid wide-format UV printers equipped with bulb curing and based on piezo printheads demanding a viscosity of 8 to 14 mPa.s at jetting temperature.

The 7-color ink set (CMYKLcLmWh) is designed for highest jetting reliability, low odour prints with very high scratch resistance.

## Key benefits

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

## Field of use

Arigi UV HD1 ink set is suitable for multi-pass printing with bulb curing and equipped with piezo printheads that require standard inkjet ink viscosity, including printheads from Konica Minolta, Xaar, Ricoh, Toshiba TEC, Fujifilm Dimatix, Seiko.

## Functional specifications

- Multi-pass printing
- Ink set CMYKLCmWh
- Excellent image quality
- Wide color gamut combined with low ink consumption
- White ink with high opacity
- High scratch resistance and solvent resistance
- Long shelf life (24 months from production date; white ink: 12 months)
- Low odor prints
- Extremely high jetting reliability and low print head maintenance need
- Curing with bulbs (various types of mercury bulbs)
- Intended primarily for printing on rigid materials
- Sign & Display as well as industrial applications

## Technical specifications

Target values	Cyan	Magenta	Yellow	Black
Static surface tension (25°C)	22–24 mN/m	22–24 mN/m	22–24 mN/m	22–24 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	24 months	24 months	24 months

Target values	LightCyan	LightMag	White
Static surface tension (25°C)	22–24 mN/m	22–24 mN/m	22–24 mN/m
Viscosity (at 45°C and 12 rpm)	8–11 mPa.s	8–11 mPa.s	11–14 mPa.s
Shelf life (from production date)*	24 months	24 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 HD1 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.*