



## ARIGI PRIMER

High-performance UV-curable  
primer for polypropylene substrates.



# Arigi Primer

## Overview

Arigi Primer is a digital primer solution to promote adhesion to polypropylene and polypropylene-based materials and offers a complete digital solution when printing in combination with the image.

The primer can be digitally applied before printing Altamira inks (for single-pass applications) or Arigi inks (for multi-pass printing).

It will also help in controlling the wetting of the colors on top of the primer solution resulting in high-quality prints.

## Key benefits

- Arigi Primer is a digital solution in case the adhesion needs to be further optimized. Traditional solutions to improve adhesion, such as pre-treatment (corona, plasma, flame) or the use of analog primer, are considered more complicated (additional process step, difficult to set the right conditions). A digital primer is applied only where necessary and applied in-line with the printed image.
- Excellent adhesion on polypropylene based substrates and improving the adhesion of Altamira/Arigi inks on top of the primer resulting in optimal adhesion of Altamira/Arigi colored inks on top of these substrates
- Extremely high jetting performance and reliability
- Long ink shelf life (18 months from production date)

## Field of use

Arigi Primer is suitable for single-pass and multi-pass printing with piezo print heads that require standard inkjet viscosity, including print heads from Konica Minolta, Ricoh, Toshiba TEC, Fujifilm Dimatix, Xaar and Seiko.

## Functional specifications

- Suitable for printing single-pass or multi-pass; to print as undercoat layer before printing the image
- High cure speed for curing with Hg bulbs & UV LED
- Printing on a polypropylene and polypropylene-based substrates
- Ink parameters suited for jetting with industrial piezo print heads needing standards viscosity range (8-14 mPa.s at jetting temperature)

## Technical specifications

SPECIFICATION	PRIMER
Static surface tension (25°C)	25.3-28.3 mN/m
Viscosity (at 45°C and 1000 s <sup>-1</sup> )	9.6-11.6 mPa.s
Shelf life (from production date)*	18 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)

Note: preliminary data from pilot production batches. These data will be adjusted on the basis of statistical data as soon as multiple production batches become available.

## Safety information

Safety Data Sheet for Arigi Primer is 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 or commercial correspondence whether spoken, written, or through test trials, corresponds to our current knowledge about our products, the way they are manufactured and their use. This is not meant as an assurance concerning certain properties of the products nor their suitability for each application. It is also not a representation or warranty. 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. Or, to inform yourself about our commercially available product warranties.