



# Altamira White 001

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**High-performance white ink for single-pass printing. White ink for solitary use, or as pre-white for over-printing with Agfa's Altamira ink sets.**

## Overview

The Altamira range of high-performance inks is targeted at multiple applications including decoration, marking & coding and product printing.

The Altamira White 001 ink is a rigid ink characterized by high durability (chemical and physical resistance). It can be used alone, or to be over-printed with Altamira color inks.

This white ink can be used for a wide range of applications, including product decoration, direct-to-shape printing, marking & coding, and direct-to-wood printing. Altamira White 001 delivers good adhesion on many different types of substrates, especially polymeric substrates such as PP, PVC, and PET. For many of these substrates, pre-treatment (corona, plasma or flame) will have a positive effect on adhesion.

## Key benefits

- Good adhesion on a broad range of substrates, especially plastics
- Good jetting performance and reliability
- Long ink shelf life (twelve months from production date, requires regular shaking)
- White printing only or pre-white to be overprinted with Altamira color inks

## Field of use

The Altamira White ink 001 is suitable for single-pass printing with curing by LED and/or bulbs, and for jetting by piezo printheads that require standard ink viscosity, including printheads from Konica Minolta, Xaar, Ricoh, Toshiba TEC, Fujifilm Dimatix and Seiko.

## Functional specifications

- Single-pass printing
- Curing with Hg bulbs and/or UV LED 395 nm
- Printing on a broad range of plastic materials as well as other types of materials (priming or pre-treatment mostly improves adhesion and image quality)
- Ink parameters suited for jetting with industrial piezo printheads requiring standard viscosity
- Good jetting reliability and low printhead maintenance need
- Low odor prints

## Technical specifications

| Specifications                        | White                   |
|---------------------------------------|-------------------------|
| Static surface tension (25°C)         | 23 mN/m<br>+/- 1.0 mN/m |
| Viscosity<br>(at 45°C and 12 rpm)     | 11-14 mPa.s             |
| Shelf life<br>(from production date)* | 12 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)

## Safety information

Safety Data Sheets for Altamira White 001 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.*