



# Altamira Pack SUV ink set

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**High-performance ink set for single-pass printing. Ink set targeted for printing on paper- and carton-based substrates as well as some plastics.**

## Overview

The Altamira Pack range of high-performance inks is targeted at a wide range of applications, including document printing, marking & coding, decorative printing and product printing. The Altamira Pack SUV ink set is a UV-curable inkjet ink set suitable for single-pass printing. The 4-color ink set (CMYK) is designed for very controlled ink spreading on the substrate, without need for pre-treatment. The range of substrates includes paper, coated paper, primed paper, carton, plastics etc.

## Key benefits

- Excellent image quality on a broad range of substrates, mainly based on papers and cartons
- Extreme high jetting performance and reliability
- Long ink shelf life (24 months from production date)
- Wide color gamut
- No visible print head stitch

## Field of use

Altamira Pack SUV ink set is suitable for single pass printing with piezo printheads with requirement for standard inkjet viscosity, including printheads from Konica Minolta, Xaar, Ricoh, Toshiba TEC, Fujifilm Dimatix, Seiko.

## Functional specifications

- Single pass wet-on-wet printing or printing with intercolor pinning
- Very high cure speed for curing with Hg-bulb (up to 80 m/min with one Hg bulb)
- High cure speed for curing with UV LED (up to 50 m/min for 16 W LED 395 nm)
- Wide color gamut
- No need for pre-treatment of the substrate (recommended not to pre-treat by corona etc.)
- Ink parameters suited for jetting with standard industrial piezo print heads
- Extremely high jetting reliability and low print head maintenance need
- Black ink delivers very high neutral black density prints (marking & coding)

## Technical specifications

Specifications	Cyan	Magenta	Yellow	Black
Static surface tension (25°C)	22 mN/m +/- 1.0 mN/m	22 mN/m +/- 1.0 mN/m	22 mN/m +/- 1.0 mN/m	22 mN/m +/- 1.0 mN/m
Viscosity (at 45°C and 12 rpm)	9–11 mPa.s	9–11 mPa.s	9–11 mPa.s	9–11 mPa.s
Pigment particle size (average)	150 nm +/- 10 nm	155 nm +/- 10 nm	180 nm +/- 10 nm	125 nm +/- 10 nm
Shelf life (from production date)*	24 months	24 months	24 months	24 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 Pack SUV 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.