



Technical Data Sheet – Version as of 03/02/2009

# WATERLESS

Sheetfed offset inks for waterless offset printing on all fibre-based substrates (paper, board). This duct fresh printing ink provides best results in stack performance, fast work and turn, fast conversion on a wide range of substrates. Waterless series complies with ISO 2846:1 and allows printers to print in accordance with ISO 12647:2.

Complies with industrial standards including EN 71/3 (Toy regulations) and CONEG (Regulation on toxic heavy metals).

	Code	Light fastness ISO 12040	Alcohol ISO 2836	Solvent Mixture ISO 2836	Álcali ISO 2836
Yellow Innova Waterless	GA14001EX	5	+	+	+
Magenta Innova Waterless	GA14003EX	5	+	+	-
Cyan Innova Waterless	GA14002EX	8	+	+	+
Black Innova Waterless	GA14004EX	7	-	-	+

## Characteristics

- High colour strength
- Very good printability
- Excellent dot sharpness
- High transparency (colour inks)
- Fast absorption
- High contrast print
- Good gloss
- Good stacking capability
- Fast work and turn
- Drying by absorption and oxidation
- Good rub resistance (dependent on substrate)

## Special Notes

Do not mix Waterless inks with conventional inks.

Press temperatures exceeding 30°C can lead to tonal variations on the printing plate.

Plate cylinder cooling stabilises the printing process.

Our Products are intended for sale to professional users. The information herein is general information designed to assist customers in determining the suitability of our products for their applications. All recommendations are made without guarantee, since the application and conditions of use are beyond our control. We recommend that customers satisfy themselves that each product meets their requirements in all respects before commencing a print run. There is no implied warranty of merchantability or fitness for purpose of the product or products described herein. In no event shall Artes Print 2012 be liable for damages of any nature arising out of the use or reliance upon this information. Modifications of the product for reasons of improvements might be made without further notice.

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### **Additives**

Ink additives should be avoided in order not to impair the process-orientated ink properties.  
If unavoidable, (starting on cold press) we recommend

Waterless Tack Off Additive (max. 3% for reducing tack)

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