



WATERLESS Series

WATERLESS series is an ink range designed to be employed in **dry offset** machines. It has been made of vegetal oils, free of MOSH, MOAH and cobalt salts.

Technical data

		LIGHT (IWS)	ALCOHOL	NITRO	ALKALI	VISOSITY 20°C, Laray, poises	TACK 30° 100 mpm, units
		Resistencias según norma ISO 12040 y norma ISO 2836					
P000001078	PROCESS YELLOW WATERLESS	5	+	+	+	900 - 1.000	120 - 130
P000001077	PROCESS MAGENTA WATERLESS	5	+	+	-	900 - 1.000	110 - 120
P000002883	PROCESS CYAN WATERLESS	8	+	+	+	900 - 1.000	115 - 125
P000001076	PROCESS BLACK WATERLESS	8	+	+	+	900 - 1.000	115 - 125

Product features

Trapping	■	■	■	■	■	■	■
Dot sharpness	■	■	■	■	■	■	■
Setting	■	■	■	■	■	■	■
Oxidative drying	■	■	■	■	■	■	■
Gloss	■	■	■	■	■	■	■
Rub resistance	■	■	■	■	■	■	■
Rapid further processing	■	■	■	■	■	■	■

Values from 1 (lower range) to 7 (highest range)

Printing behaviour

- Suitable for printing at high speeds
- Duct fresh
- Applications: edition, commercial and packaging
- In accordance with ISO 12647-2.

**Recommendations:**

- **Cleaning:** it is recommended to clean the rollers at long stops as well as to apply an anti-skin spray in the ink duct
- **Plates:** they should be specifically designed for dry offset and can be either photosensitive (Toray, Kodak) or non-processed digital plates (Prestek).
- **Storage:** store at temperatures between 20-25 °C. Avoid the direct exposure to light and heat sources. Once the can has been opened, it is recommended to add an anti-drier layer in order to avoid the skin appearance. A well-conditioned and clean work environment ease the good behaviour of all the components during the printing process.

WATERLESS series does not have expiry date at short or medium term.

Regulatory

- This range accomplishes with EuPIA exclusion list for printing inks and related products, as well as with the heavy metals' limits laid down in the Directive 94/62/EC.

WATERLESS series is an exclusive design of the R&D&i Department of MARTINEZ AYALA, S.A.

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