



EN 71-3:2019

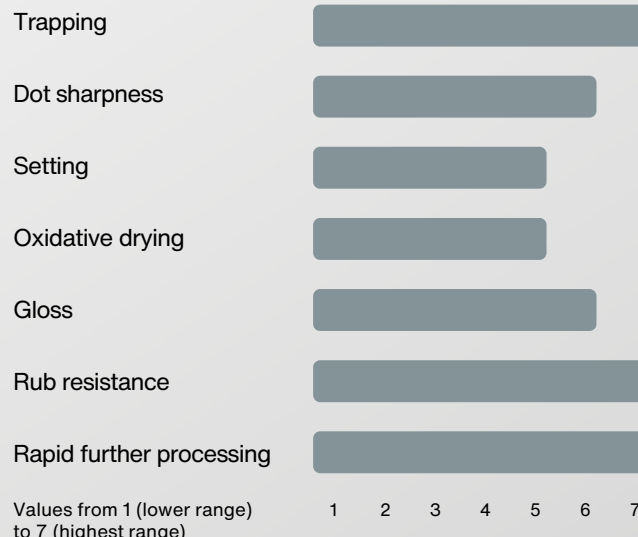
# PREMIUM AS

## SERIES

PREMIUM AS series is a semi-fresh sheetfed offset printing ink range that allows for a significant reduction in the amount of anti-set-off spray powders and shortens handling times for printed sheets. Its excellent drying level and good rub resistance allow for quick perfecting, offering very good performance at high speeds. In several industrial tests, the total amount of powders was achieved to be reduced up to 70%.

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

### Product features



### Printing behaviour

- It allows to reduce the amount of anti-set off spray powders up to 70%.
- It allows to reduce the removal times in 10-15 minutes (this period may vary slightly depending on the type of work and the conditions of each printing house).
- It allows to reduce the frequency of rubbers cleaning.
- Suitable for high-speed printing.
- Suitable for all types of fountain solutions.
- Excellent water-ink balance.
- Suitable for perfecting.
- Fresh in the ink duct.
- Application: edition, commercial and packaging.
- In accordance with ISO 12647-2.

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## Technical data

		LIGHT (IWS)	ALCOHOL	NITRO	ALKALI	VISCOSITY	TACK
		Fastness properties in accordance with ISO 12040 and ISO 2836				20°C, Laray, poises	30° 100 mpm, units
P000004764	PROCESS YELLOW PREMIUM AS	5	+	+	+	410 - 440	90 - 100
P000004765	PROCESS MAGENTA PREMIUM AS	5	+	+	-	440 - 470	80 - 90
P000004766	PROCESS CYAN PREMIUM AS	8	+	+	+	440 - 470	95 - 105
P000004767	PROCESS BLACK PREMIUM AS	8	+	+	+	420 - 450	95 - 105

## 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
- Premium AS can be employed in print outs in accordance with the Toy Safety standard EN71-3:2019. Such conformity has been certified by the Spanish Technological Institute for Children's Products and Leisure (AIJU), test number: L/0076113-1

## 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.
- **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-skin 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. PREMIUM AS series does not have an expiry date in the short or medium term.

The aim of our technical documents is to inform and advise our customers. The information provided herein is correct to the best of Martínez Ayala's knowledge and belief. No liability for any errors, facts or opinions will be accepted. Customers must verify and test by themselves the suitability of this product for their application. No liability for any loss as a result of any person placing reliance on any material contained herein will be accepted.

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