



UV LED LM

SERIES

Low migration UV LED LM series is specially developed for offset printing with LED / HR - UV / LE - UV / H - UV curing system. It is suitable for food packaging printing, where the food is not in direct contact with the printed side.

Printing behaviour

- Fast UV curing with minimum LED / UV energy
- Good transfer and printing performance
- Accomplishes with ISO 2846-1, guaranteeing the compliance with ISO 12647-2
- Suitable for high-gloss paper and cardboard
- Suitable for corona treated vinyl, pre-treated plastic and PP films. (e.g., IML labels)

Recommendations

- Pre-testing is always recommended.
- Avoid exposure to direct light and heat. It is recommended to use UV filters on windows and fluorescent lights in the printing room to avoid unwanted ink curing in tins and ink ducts.
- **Storage:** Store at a temperature between 15 – 20°C, preferably in a dark room. A conditioned and clean working environment facilitates the good performance of all components during printing.
- **Shelf life:** 12 months from its date of manufacture.

Martínez Ayala S.A.
Polígono Industrial El Saladar
C/ La Higuera, 28
(30.850) Totana, Murcia - España
Tel: +34 968 41 80 30

info@ma-inks.com
www.ma-inks.com





Technical data

		LIGHT (WS)	ALCOHOL	NITRO	ALKALI
Fastness properties in accordance with ISO 12040 and ISO 2836					
C000001082	UV LED PROCESS YELLOW LM	5	+	+	+
C000001083	UV LED PROCESS MAGENTA LM	5	+	+	-
C000001084	UV LED PROCESS CYAN LM	8	+	+	+
C000001085	UV LED PROCESS BLACK LM	8	+	+	+

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.
- Formulated in accordance with REACH Regulation and Swiss Ordinance.

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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