



PANTONE® UV LED LM

SERIES

PANTONE® UV LED LM is a series of low migration, low odor, low energy UV-curable inks suitable for LED/HR/LE-UV/H UV offset systems. Formulated with Pantone® approved pigments to be able to reproduce guide colors or as spot colors.

Recommendations

- 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. Avoid direct exposure to light and heat. A conditioned and clean working environment facilitates the good performance of all components during printing.
- **Shelf life:** 12 months from its date of manufacture.

Printing behaviour

- Stable and high-quality print results.
- Fast curing with minimal LED/UV energy.
- Ideal for paper and cardboard.
- Suitable for printing according to ISO 12647-2.
- Nice gloss and high color intensity.
- Suitable for corona treated vinyl, pre-treated plastic and PP films.
- Suitable for food packaging printing.

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Technical data

		LIGHT (WS)	ALCOHOL	NITRO	ALKALI
Fastness properties in accordance with ISO 12040 and ISO 2836					
C000001290	UV LED PANTONE BASIC ORANGE 021 LM	5	+	+	+
C000001294	UV LED PANTONE BASIC RHODAMINE RED LF LM	8	+	+	+
C000001297	UV LED PANTONE BASIC REFLEX BLUE LF LM	8	+	+	+
C000001298	UV LED PANTONE BASIC PROCESS BLUE LM	8	+	+	+
C000001296	UV LED PANTONE BASIC VIOLET LF LM	8	+	+	+
C000001292	UV LED PANTONE BASIC RED 032 LF LM	5	+	-	+
C000001289	UV LED PANTONE BASIC YELLOW LM	5	+	+	+
C000001300	UV LED PANTONE BASIC BLACK	8	+	+	+
C000001295	UV LED PANTONE BASIC PURPLE LF LM	7	+	+	+
C000001293	UV LED PANTONE BASIC RUBINE RED LF LM	7	+	+	+
C000001291	UV LED PANTONE BASIC WARM RED LF LM	8	+	+	+
C000001290	UV LED PANTONE BASIC GREEN 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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