

UV Labelflex Series 80 LM

UV-Labelflex Series 80 LM is a low migration UV curing flexo printing ink, benzophenone-free, VOC-free and low odour for universal application. Suitable on all types of coated paper and film (≥ 38 dyn).

This series is suitable for the use in food packaging (indirect food contact) and other sensitive applications.⁴

For optimum curing of this series a UV unit (source: mercury vapor lamp) with a lamp output of minimum 120W/cm is recommended.

Storage	Additives	Production
Storage stability in original packaging when stored between 15° and 25°C is 9-12 months. Caution: Protect ink against direct sunlight.	1210 PR UV Cleaner* 2400 RS Cleaner* * Not classified according to CLP regulation	Colour mixings from PANTONE® or from a colour sample are produced from 5 kg.
Packaging	Safety data sheet	Hazardous Substances Statement
5 kg Can	Safety data sheet on request	See safety data sheet

Product Code	Colour	Lightfastness ¹	Alkali	Acid	Viscosity 6 mm, 23 ° C	TT ²	Hot Stampable ²	Paper			Film ³			Thermal paper		
								Coated	Un coated	Carton	PE	PP	Metall	Top	Eco	
Process Colours																
UFP 3080 MA	Prozess Yellow	4 – 5	+	+	20±10	+	O	+	+	+	+	+	+	+	+	O
UFP 0080 MA	Prozess Magenta	5 – 6	±	-	30±10	+	O	+	+	+	+	+	+	+	+	O
UFP 2080 MA	Prozess Cyan	8	+	+	25±10	+	O	+	+	+	+	+	+	+	+	O
UFP 7080 MA	Prozess Black	8	+	+	40±10	+	O	+	+	+	+	O	+	+	+	O
PANTONE																
UFP 0318 MA	Yellow	4 – 5	+	+	25±10	+	O	+	+	+	+	+	+	+	+	O
UFP 0338 MA	Orange	4	+	+	60±10	+	O	+	+	+	+	+	+	+	+	O
UFP 0018 MA	Warm Red	5	-	+	50±10	+	O	+	+	+	+	+	+	+	+	O
UFP 0328 MA	Red 032	6 – 7	±	+	70±10	+	O	+	+	+	+	+	+	+	+	O
UFP 0028 MA	Rubine Red	5	±	-	50±10	+	O	+	+	+	+	+	+	+	+	O

Product Code	Colour	Lightfastness ¹	Alkali	Acid	Viscosity 6 mm, 23 ° C	TT ²	Hot Stampable ²	Paper			Film ³			Thermal paper	
								Coated	Un coated	Carton	PE	PP	Metall	Top	Eco
UFP 0038 MA	Rhodamine Red	3 – 4	-	+	20±10	+	O	+	+	+	+	+	+	+	O
UFP 0118 MA	Purple	3 – 4	+	+	20±10	+	O	+	+	+	+	+	+	+	O
UFP 1128 MA	Violet	4 - 5	+	+	20±10	+	O	+	+	+	+	+	+	+	O
UFP 0728 MA	Blue 072	7 – 8	+	+	80±10	+	O	+	+	+	+	+	+	+	O
UFP 0218 MA	Reflex Blue	7 – 8	+	+	80±10	+	O	+	+	+	+	+	+	+	O
UFP 0228 MA	Prozess Blue	8	+	+	40±10	+	O	+	+	+	+	+	+	+	O
UFP 0518 MA	Green	7 – 8	+	+	30±10	+	O	+	+	+	+	+	+	+	O
UFP 0718 MA	Black	8	+	+	30±10	+	O	+	+	+	+	+	+	+	O
UFP 0618 MA	Transp. White		+	+	30±10 (4mm)	+	O	+	+	+	+	+	+	+	O
UFP 6618 MA	Covering White		+	+	50±10	+	O	+	+	+	+	+	+	+	O

¹ Outdoor use can reduce the lightfastness.

² Suitability for hot stamping and printing with thermal transfer tapes should be tested under realistic conditions.

³ Corona-pretreatment of the substrate is recommended.

⁴ The final qualification of the whole food packaging must be determined in an accredited laboratory.

Food packaging and other sensitive applications

For the production of above packaging and application follow legal requirements. Before placing on the market, it is recommended to test the whole packaging in an accredited laboratory. A general confirmation of suitability according to Article 16 EC 1935/2004 can be issued on request, please notice that the general confirmation of suitability is not a replacement for the declaration of compliance, which has to be issued for the whole packaging by the manufacturer.

Processing instructions

For the application of UV Labelflex Series 80 LM the ink roller and the ink tray must be absolutely clean. A contamination with other printing ink systems may cause curing problems, changed properties up to total functionless.

The information contained in this leaflet are intended as guidelines. They are based on experience after thorough testings in the laboratory and testings under realistic conditions. The contents are not legally binding.

Pantone® is a registered trademark of Pantone Inc.

+ very good suitable O limited suitable - not suitable

Stand: November 2015

