

UV Series 6500 Low Migration

UV Series 6500 LM is a low migration UV printing ink, especially developed for the application in offset printing machines. It is suitable for the application on absorbent, non-absorbent substrates and films (PE, PP, PET, shrink film and Inmould labels).

Series 6500 LM is developed according to the requirements of the Swiss Ordinance, it is benzophenone-free and ITX-free.

UV series 6500 LM is suitable for the use in food packaging (indirect food contact) and other sensitive applications.⁴

Storage	Additives	Production
Storage stability in original packaging when stored between 15° and 25°C is 9-12 months. Caution: Protect ink from direct sunlight.	2400 RS Cleaner 1210 PR UV Cleaner* * Not classified according to CLP regulation	Colour Mixings from PANTONE® or from a colour sample are produced from 1 kg.
Packaging	Safety data sheet	Hazardous Substances Statement
3 kg Tin	Safety data sheet on request	See safety data sheet

Product Code	Colour	Lightfastness ¹	Alkali	Acid	TT ²	Hot Stampable ²	Paper			Film ³			Thermal Paper	
							Coated	Uncoated	Carton	PE	PP	Metall	Top	Eco
Process Colours														
3065/6500 MA	Proc. Yellow	5	+	+	+	O	+	+	+	+	+	O	+	O
0065/6500 MA	Proc. Magenta	6	+	-	+	O	+	+	+	+	+	O	+	O
2065/2050 MA	Proc. Cyan	7	+	+	+	O	+	+	+	+	+	O	+	O
7065/6500 MA	Proc. Black	7	+	+	+	O	+	+	+	+	+	O	+	O
PANTONE														
0315/6500	Gelb	6	+	+	+	O	+	+	+	+	+	O	+	O
0335/6500	Orange	4	-	+	+	O	+	+	+	+	+	O	+	O
0015/6500	Warm Red	6	+	+	+	O	+	+	+	+	+	O	+	O
0325/6500	Red 032	6	+	+	+	O	+	+	+	+	+	O	+	O
0025/6500	Rubine Red	6	+	+	+	O	+	+	+	+	+	O	+	O
0035/6500	Rhodamine Red	7	+	+	+	O	+	+	+	+	+	O	+	O
0115/6500	Purple	7	+	+	+	O	+	+	+	+	+	O	+	O

Product Code	Colour	Lightfastness ¹	Alkali	Acid	TT ²	Hot Stampable ²	Paper			Film ³			Thermal Paper	
							Coated	Uncoated	Carton	PE	PP	Metall	Top	Eco
1125/6500	Violet	7	+	+	+	O	+	+	+	+	+	O	+	O
0725/6500	Blue 072	7	+	+	+	O	+	+	+	+	+	O	+	O
0215/6500	Reflex Blue	7	+	+	+	O	+	+	+	+	+	O	+	O
0225/6500	Proc. Blue	7	+	+	+	O	+	+	+	+	+	O	+	O
0515/6500	Green	7	+	+	+	O	+	+	+	+	+	O	+	O
0715/6500	Black	8	+	+	+	O	+	+	+	+	+	O	+	O
0615/6500	Trans. White		+	+	+	O	+	+	+	+	+	O	+	O
6615/6500	Covering White		+	+	+	O	+	+	+	+	+	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 series 6500 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.

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+ very good suitable O limited suitable - not suitable

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