

UV Series 6400 Low Migration

UV Series 6400 LM is a low migration letterpress and offset printing ink for universal applications on all materials (Papers and Films ≥ 38 dyn). The series is high pigmented, hot stampable and overprintable. It also has good gloss and adhesion properties and is also suitable for magnet printing plate.

UV series 6400 LM is suitable for the use in food packaging (indirect food contact) and other sensitive applications⁴.

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.	9006/6400 UV Thinner 6002PR Antitack Paste 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
1 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	Un coated	Carton	PE	PP	Metal	Top	Eco	
Process Colours															
3064/6400	Prozess Yellow	5	+	+	+	+	+	+	+	+	+	+	0	+	0
0064/6400	Prozess Magenta	5 – 6	-	-	+	+	+	+	+	+	+	+	0	+	0
2064/6400	Prozess Cyan	8	+	+	+	+	+	+	+	+	+	+	0	+	0
7064/6400	Prozess Black	8	+	+	+	+	+	+	+	+	+	+	0	+	0
PANTONE															
0314/6400	Yellow	5	+	+	+	+	+	+	+	+	+	+	0	+	0
0334/6400	Orange	4	-	+	+	+	+	+	+	+	+	+	0	+	0
0014/6400	Warm Red	4	-	+	+	+	+	+	+	+	+	+	0	+	0
0324/6400	Red 032	4	-	+	+	+	+	+	+	+	+	+	0	+	0
0024/6400	Rubine Red	5 – 6	-	-	+	+	+	+	+	+	+	+	0	+	0
0034/6400	Rhodamine Red	3 – 4	+	+	+	+	+	+	+	+	+	+	0	+	0

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							Coated	Un coated	Carton	PE	PP	Metall	Top	Eco
0114/6400	Purple	5	+	+	+	+	+	+	+	+	+	O	+	O
1124/6400	Violet	3 – 4	+	+	+	+	+	+	+	+	+	O	+	O
0724/6400	Blue 072	4 – 5	+	+	+	+	+	+	+	+	+	O	+	O
0214/6400	Reflex Blue	4 – 5	+	+	+	+	+	+	+	+	+	O	+	O
0224/6400	Prozess Blue	8	+	+	+	+	+	+	+	+	+	O	+	O
0514/6400	Green	8	+	+	+	+	+	+	+	+	+	O	+	O
7714/6400	Black	8	+	+	+	+	+	+	+	+	+	O	+	O
0614/6400	Transp. White		+	+	+	+	+	+	+	+	+	O	+	O
6614/6400	Covering White		+	+	+	+	+	+	+	+	+	O	+	O
7704/6400	Dense Black	8	+	+	+	+	+	+	+	+	+	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 determine 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 issue 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 6400 Low Migration 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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