

UV-Flexo Plus Metallic

The UV-Flexo Plus Metallics inks are ready-to-print with high metallic gloss. With these inks you can refine outer food packaging in UV flexo printing.

Characteristics

- Good transfer properties
- Good rub resistance
- Very good adhesion

Intended applications

The UV-Flexo Plus Metallics inks are primarily developed for label printing, but can also be used for finishing folding boxes, for example.

Substrates

PVC, PE, PP, OPP, coated and uncoated paper and board.

Due to the variety of materials prior tests of printability and properties are recommended as well as in-line corona pre-treatment for films. A surface tension of approx. 40 mN/m is suggested.

	Article code	Light	Alcohol	Solvent	Alkali	Opacity
Rich Gold	04FUVPM0RG01.5	5	+	+	-	0
Pale Gold	04FUVPM0PG01.5	5	+	+	-	0
Rich Pale Gold	04FUVPM0RP01.5	5	+	+	-	0
Silver	04FUVPM0SV01.5	8	+	+	-	0
Gold PMS 871	04FUVPM087101.5	5	+	+	-	0
Gold PMS 872	04FUVPM087201.5	5	+	+	-	0
Gold PMS 873	04FUVPM087301.5	5	+	+	-	0
Gold PMS 874	04FUVPM087401.5	5	+	+	-	0
Gold PMS 875	04FUVPM087501.5	5	+	+	-	0
Gold PMS 876	04FUVPM087601.5	5	+	+	-	0
Silver PMS 877	04FUVPM087701.4	8	+	+	-	0

Resistances according to DIN ISO 2836 light fastness to DIN ISO 12040 + Properties given, - Properties not given

Processing instructions

Stir the inks well before use.

Good curing depends on ink application, substrate, number and type of emitters used, their distance to the print and printing speed. We recommend a lamp output of 160 - 200 W/cm.

The cell volume of the anilox roller should be selected according to the geometry, gloss and machine speed.

We recommend the following cell volumes.

- Metallic inks: 8 - 12 cm³/m²

Optimal brilliance is often not achieved on absorbent substrates. The printing result can be improved by preprinting a primer.

Further processing

After complete curing, the print can be further processed immediately.
The inks are UV-varnishable caused by their chosen fastnesses.

Excluded applications

Applications with special requirements must be tested separately. Observe regulatory requirements of the respective target market.

Storage

Product should be stored cool, dry and in a dark place.

Packaging size

- 4 kg bucket

This technical instruction sheet is designed for your information and reference. It is based on and conforms to our current knowledge. However as actual application is affected by many factors over which we have no control, we are not liable for printing failures.