Deutsche Druckfarben

Metallics LM NG

The **Metallics LM NG** gold are low migration, organoleptically neutral, one-component sheet-fed offset inks for the production of food packages made of paper and board.

The **Metallics LM NG** Pantone series is characterized by:

- **Ready to print, one-component sheet-fed offset ink**
- **Ideal for food packaging on paper and board (for printing on non-food contact surface)**
- **Very low migration**
- **Very little swelling**
- **Ink dries through setting - not by oxidation**
- **Organoleptic assessment of printed products shows excellent results (Robinson test)**
- **Certificate of compliance for using in indirect food contact for dry food**

Metallics LM NG low migration sheet-fed offset ink series is suitable for printing on paper and carton for food packaging.

Metallics LM NG inks does not dry by oxidation but purely by absorption.
Inline finishing is possible with water-based coating, which meets the requirements of the production of food packaging.
Substrates with a low level of absorbability need the use of special water-based coatings. Without inline coating, there will be setoff in the stack and the required rub resistance will not be obtain.

For best metallic effects use coated stocks with a uniform, smooth surface. The drying speed of these inks is depend on the substrate therefore requires a careful substrate selection.
The inks show very good metallic effects on coated substrates with smooth surface. It is neither necessary nor recommended to enhance the effect by increasing the ink delivery. This might lead to printing problems: piling on press, poor stack ability, long drying times and insufficient smudge resistance.

The **Metallics LM NG** inks based on leafing gold bronze pigments. Finishing is possible, but not ideal. Every surface finishing will reduce the metallic effect.
Full and appropriate testing is recommend before commercial production runs.

Shelf life gold inks: 6 months