

UV-Flexo NG Metallics FCM

Food packaging compliant UV-Flexo NG Metallics FCM ink range suitable for non-direct food contact packaging applications as well as general label printing.

Characteristics

- Excellent adhesion properties
- Fast cure
- Excellent printability
- High brilliance/lustre
- Stable one pack inks
- Formulated for non-direct food contact packaging applications

Range

	Article code
Gold PMS 871	04FUT7571.5
Gold PMS 873	04FUT7572.5
Gold PMS 873	04FUT7573.5
Silver PMS 877	04FUT7577.5

These inks are not suitable for exposure to high temperature in conventional and/or microwave ovens or pasteurisation/sterilisation processes.

Substrates

Suitable for a wide range of substrates including:

- Coated PE and PP
- Coated papers and board

The suitability of uncoated synthetic substrates such as PP should be tested before printing. The surface tension should be 38 dyne/cm or above. Corona treatment should be considered to improve the wetting and adhesion onto the substrate.

Application

The Mix well before use.

Anilox Selection:

80-160 l/cm (200-400 lpi) volume 8-15 cm³/m²

Note: The increase of the high lustre metallic effect is relative to the increase of film weight. However, higher film weights may lead to increased migration levels.

Minimum lamp power – 160 W/cm

Fully cured UV flexo inks will obtain resistance properties 24 hours after printing. To improve on the resistance properties of these metallic inks, over varnishing may be required.

Note: The risk of migration is increased if the inks are not fully cured.

Clean equipment immediately after use.

Responsibility

These products have been formulated to comply with the regulations and guidelines for non-direct food contact packaging applications. However, it is the responsibility of the seller of the finished product to ensure all members of the packaging chain comply with recommended guidelines and regulatory requirements.

The risk of any contamination affecting food packaging applications should be assessed prior to use.

Storage

Containers should be tightly closed immediately after use. All products, including uncontaminated press returns and unopened containers, should be stored at temperatures between 5°C and 25°C.

Please be aware that blending metallic inks with other UV flexo inks will drastically reduce the shelf life. It is highly recommended that coloured metallic inks are blended press-side immediately before use and any ink left over is discarded.

Health & Safety

Please refer to relevant SDS for information on labelling classifications, waste product and container disposal, and personal protection measures.

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.