



# NOVA STAR<sup>®</sup>

## UV FLEXO INKS

### Description:

Food packaging compliant (FPC) UV flexo metallic ink range suitable for non-direct food contact packaging applications as well as general label printing.

### Properties:

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

PRODUCT RANGE	Code
PMS 871 Gold	FPNS271-02
PMS 872 Gold	FPNS272-02
PMS 873 Gold	FPNS273-02
PMS 877 Silver	FPNS277-02

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

The leaflet provides information based on experience and lab experiments, but values may vary in practical use. Customers should ensure product suitability and not base legal claims on the leaflet.



### **Substrate:**

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:**

Mix well before use.

### **Anilox Selection:**

120-180 l/cm (300-460 lpi) volume 6-12 cm<sup>3</sup>/m<sup>2</sup>

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.

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# UNIVO

Innovative Coating Magic

Technical  
Data  
Sheet



## 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.

Please contact us for more information.

## Storage & Handling:

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.

Shelf life is 6 months from date of manufacture (as indicated on the label).

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.

## Safety:

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

## Auxiliary Products:

Cleaner: SOL-4093 UV Wash

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