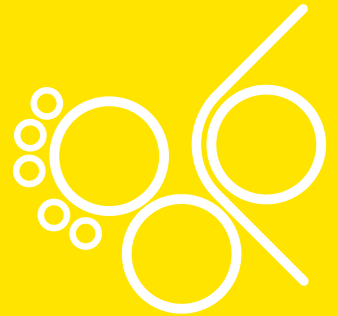


# Uvonyl™

A UV CURABLE ROTARY LETTERPRESS/OFFSET INK FORMULATED FOR USE IN PLASTIC CARD PRINTING APPLICATIONS SUCH AS CREDIT CARDS, CASH CARDS, I.D, BADGES, PROMOTIONAL CARDS.



## Uvonyl™

is designed to be used in all existing rotary and semi-rotary letterpress machines. EDPM or nitrile rubber rollers are recommended.

### Suitable for a wide variety of substrates and applications

- Rigid plastics (PVC, Polyethylene and Polystyrene)

Uvonyl™ can be used with all kinds of lamination processes.

PROPERTIES	BENEFITS
<ul style="list-style-type: none"><li>• Enhanced color consistency and excellent mileage</li></ul>	<ul style="list-style-type: none"><li>• Improved print result and profitability</li></ul>
<ul style="list-style-type: none"><li>• Good adhesion to a wide range of rigid plastic</li></ul>	<ul style="list-style-type: none"><li>• Adhesion to plastics even if high degree of plasticers are present</li></ul>
<ul style="list-style-type: none"><li>• Superb print quality also at high printing speed</li></ul>	<ul style="list-style-type: none"><li>• Consistent high print quality</li></ul>
<ul style="list-style-type: none"><li>• Very good curing properties</li></ul>	<ul style="list-style-type: none"><li>• Improved productivity</li></ul>
<ul style="list-style-type: none"><li>• Excellent bond strength</li></ul>	<ul style="list-style-type: none"><li>• Very good laminating bond strength even at full edge printing</li></ul>

## Availability

- Full range of Pantone® basic colors
- 4 color process set

The information contained in this brief product presentation is based on long experience of Flint Group Narrow Web and on internal standardised tests. It is not to be interpreted as a warranty or guarantee in any form as conditions beyond our control can affect the quality of the printing. If there is any doubt, the user should always make every effort to ensure that the products used are appropriate for the purpose.

- • • very suitable
- • suitable
- usable

### UVONYL™ OFFERS:

- Good color strength
- Good lithographic properties
- Very good adhesion to a wide range of synthetic materials
- Excellent in applications where lamination is required
- Very good curing properties

UVONYL™	
<b>Printing speed</b>	Up to 300 ft/min
<b>Mileage* g/m²</b>	
Process	1.5 - 1.8 g/m²
Solids	1.8 - 2.2 g/m²
<b>Printability</b>	
Process	• • •
Solids	• • •
<b>Lithographic properties</b>	• •
<b>Material suitability</b>	
Paper	• •
Plastic substrates	• • •
<b>Resistance properties</b>	
Chemical	• •
Water	• • •
Solvent	• •
<b>Combination printing</b>	
UV Flexo	• • •
UV Offset	• • •
UV Letterpress	• • •
Water-based flexo	•
UV Flexo varnish	• • •
UV Screen	• •
<b>Variable info printing</b>	
Hot foil	• • •
Cold foil radical	• • •
Laser overprinting	• • •
<b>Lamination with</b>	
Radical adhesive	• • •
Cationic adhesive	• •

\*Amount of ink in g/m² needed to obtain Pantone® shade or process density.

For more details on Uvonyl™, call your nearest Flint Group Narrow Web office or dealer.

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The aim of our technical documents is to inform our customers about general values. However, the transferability of general values known from experience and laboratory results to concrete practical applications depends on a number of factors which are beyond our control. We therefore ask for your understanding that this advice document cannot be used as the basis for claims in law. Furthermore, the correct application for each product has to be checked carefully for suitability. For application details refer to Technical Data Sheet.

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