

UvoScreen Elite™

A HIGH PERFORMANCE UV SCREEN INK FOR SELF ADHESIVE SYNTHETIC SUBSTRATES



UvoScreen Elite™

can be used in all rotary screen units (SCREENY and STORK) and fast running flatbed presses, provided the ink is cured (exposed to UV light).

Suitable for a wide variety of applications

- Self adhesive labels PE, PP, Primax, FasClear, uncoated & coated papers, boards, cast coated papers, top coated PE & PP and PVC.
- Can be overprinted with UV letterpress, UV offset and UV flexo (additive needed).
- Is suited for hot foil blocking.
- Full range of Pantone® basic colours available.

PROPERTIES	BENEFITS
<ul style="list-style-type: none"> • Enhanced colour consistency and excellent pure shades 	<ul style="list-style-type: none"> • Improved print result and profitability
<ul style="list-style-type: none"> • Excellent adhesion on a wide range of substrates 	<ul style="list-style-type: none"> • Meets a wide range of final product demands
<ul style="list-style-type: none"> • Low silicone content 	<ul style="list-style-type: none"> • Excellent overprintability with UV letterpress, UV offset and UV flexo
<ul style="list-style-type: none"> • Great dot sharpness, but still excellent flow with white and colours 	<ul style="list-style-type: none"> • Best print quality obtainable with UV screen
<ul style="list-style-type: none"> • VOC free and user-friendly raw materials 	<ul style="list-style-type: none"> • Environmentally friendly
<ul style="list-style-type: none"> • Excellent cure properties 	<ul style="list-style-type: none"> • Improved productivity, high print speeds possible
<ul style="list-style-type: none"> • Tailored rheology and low viscosity 	<ul style="list-style-type: none"> • Easy to handle, manages a wider range of press speeds

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Availability

- Full range of Pantone® basic colours

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

UVOSCREEN ELITE™ OFFERS:

- Excellent printability, both solids and text
- High colour strength
- Excellent flow characteristics
- Fast printing speed through excellent cure properties
- Rheology tailored to print in rotary-screen printing
- Adhesion to a wide range of materials

UVOSCREEN ELITE™	
Printing speed	Up to 60 m/min
Screen recommendations	
Gallus Text lines - Solids - Pantone®	KF/KM - KS/HS - KF
Stork Text lines - Solids - Pantone®	8-11% - 13-17% - 8%
Film weight g/m²	
Text lines	5 - 8
Solids	10 - 14
Pantone®	6
Printability	
Solids	•••
Text/line work	•••
Material suitability	
Paper	••
Thermochromic film substrates	•••
Film substrates	•••
Resistance properties	
Chemical	•••
Water	•••
Solvent	•••
Combination printing	
UV Flexo	•••
UV Offset	•••
UV Letterpress	•••
Water-based flexo	••
UV Flexo varnish	•••
Variable info printing	
Hot foil	••
Cold foil radical	••

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

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