

UvoScreen II™

A HIGH PERFORMANCE UV SCREEN INK FOR SELF ADHESIVE SYNTHETIC SUBSTRATES



UvoScreen II™

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).

UvoScreen II™ is available in a special easy overprintable opaque white UvoScreen II™ CombiWhite.

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)

This ink can also be overprinted with UV letterpress, UV offset and UV flexo (additive needed).

UvoScreen II™ is also suited for hot foil blocking.

PROPERTIES	BENEFITS
• Very high opacity opaque white	• Less ink required to obtain same opacity
• Enhanced colour consistency and excellent pure shades	• Improved print result and profitability
• Excellent adhesion on a wide range of substrates	• Meets a wide range of final product demands
• Low silicone content	• Excellent overprintability with UV letterpress, UV offset and UV flexo
• Great dot sharpness, but still excellent flow with opaque white and colours	• Best print quality obtainable with UV screen
• VOC free and user-friendly raw materials	• Environmentally friendly

UvoScreen II™

Availability

- Full range of Pantone® basic colours
- Full range of high resistance pigments

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 II™ OFFERS:

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

UVOSCREEN II™	
Printing speed	
White	Up to 60 m/min
Colours	40 - 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	••
TC filmic substrates	•••
Filmic 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	••

*Screen meshes need to obtain correct colour strength.

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

Flint Group Narrow Web

P.O. Box 1003,
SE-231 25 Trelleborg, Sweden
www.flintgrp.com

T +46 410 59 200
F +46 410 59 397
info.narrowweb@flintgrp.com

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.

Product names followed by ® are trademarks registered by Flint Group Incorporated.