

Flex2Screen™ Technology Varnish

CONVERT UV FLEXO INKS ON DEMAND TO UV ROTARY SCREEN INKS FOR
GENERAL PURPOSE PRINTING APPLICATIONS.



Flex2Screen™ Technology Varnish

is developed to convert UV flexo inks into UV rotary screen inks that can be used in various rotary screen systems and work in different screen mesh.

Inks suitable for a wide variety of applications

- Non-absorbent materials (polystyrene, polyethylene polyester, polypropylene, PVC, top coated polypropylene)
- Absorbent substrates

These inks can also be overprinted with CombiWhite Screen and with Flint Group Narrow Web UV letterpress and offset inks.

PROPERTIES	BENEFITS
• High strength	• Achieve vivid colors and strong print strength
• Enhanced color 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, with one product lowering your inventory
• Fast cure	• High productivity
• Low silicone content	• Excellent overprintability with UV letterpress, UV offset and UV flexo and CombiWhite
• Great dot sharpness, but still excellent flow	• Good print quality
• VOC free and user-friendly materials	• Environmentally friendly
• Inventory Reduction	• Utilize technology varnish with current UV Flexo ink inventory to create screen inks on demand

Flex2Screen™ Technology Varnish

Availability

- Flex2Screen™ Technology Varnish converts UV flexo inks to:
- Full range of Pantone® basic colors
- Full range of high resistance inks

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
- not suitable

FLEX2SCREEN™ OFFERS SCREEN INKS WITH:

- High color strength
- Fast cure and good adhesion
- Good flexibility
- Better printability, flow and leveling
- Excellent resistance properties
- Inventory Reduction

FLEX2SCREEN™	
Printing speed	
Colors	Up to 180 ft/min
Screens/mileage	6 - 10 μ wet film deposit
Printability	
Preprint white	•••
Solids	•••
Text/line work	•••
Material suitability	
Paper	•••
TC filmic substrates	•••
Filmic substrates	••
Solvent content	~ 0 %
Resistance properties	
Chemical	•••
Water	•••
Solvent	•••
Combination printing	
UV Flexo	•••
UV Offset	•••
UV Letterpress	•••
Water-based flexo	••
UV Flexo varnish	•••
Variable info printing	
Thermal overprinting	-
Thermal transfer	•
Hot foil	•••
Cold foil free radical	•••
Cold foil cationic	•
Laser overprinting	-
Ink jet overprinting	-
Lamination with	
Free radical adhesive	•••

For more details on Flex2Screen™, call your nearest Flint Group Narrow Web office or dealer.

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