FlintGroup
Narrow Web

Rely on us.℠

Hydrofilm 4000™

A UNIVERSAL WATER-BASED FLEXO INK FOR LABELS AND SYNTHETIC SUBSTRATES

Hydrofilm 4000™

can be used in all flexographic print units provided the ink is dried with hot air or IR dryers in combination with air stream blowing on web. Hydrofilm 4000™ can be used with negative doctor blade as well as in a chambered doctor blade system.

Suitable for a wide variety of applications

- Self adhesive labels (PE, PVC, top coated PE & PP and metallic foils & films)
- In-mould labels (PE, BOPP and PVC)
- Synthetic wrap-around labels (PE, BOPP and PVC)
- Tickets/tags/boards

This ink can be hot foil blocked and thermal transfer overprinted.

PROPERTIES	BENEFITS
• Enhanced colour consistency and excellent mileage	• Improved print result and profitability
• Excellent resistance to water and abrasion	• Can be used for labels exposed to severe conditions
• Universal ink with very good adhesion properties to a wide range of materials	• Reduced inventory
• Very good printability with minimal pinholing in solids	• Enhanced colours in text and line work
• High printing speed	• Improved productivity

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Availability

- Full range of Pantone® basic colours
- 4 colour process set
- High resistant Pantone® basic shades

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

HYDROFILM 4000™ OFFERS:

- Excellent adhesion to a wide range of materials
- Very good colour strength
- Very good printability with minimal pinholing in solids
- High printing speed
- Very good water resistance properties
- Superior abrasion and scratch resistance

HYDROFILM 4000™	
Printing speed	Up to 150 m/min
Mileage* cm³/m²	
Process	1,5 - 4
Solids	5 - 12
Printability	
Process	• • •
Solids	• • •
Press stability	•
Material suitability	
Paper	• •
TC thermal papers	-
TC filmic substrates	• • •
Filmic substrates	• • •
VOC content	< 5%
Resistance properties	
Chemical	• •
Water	• • •
Solvent	•
Combination printing	
UV Flexo	• •
UV Letterpress	• •
Water-based flexo	• • •
UV Flexo varnish	• • •
Variable info printing	
Thermal overprinting	-
Thermal transfer	•
Hot foil	• •
Cold foil radical	•
Laser overprinting	-
Ink jet overprinting	• •
Lamination with	
Radical adhesive	•
Cationic adhesive	-

*Mileage is expressed in theoretical volume of anilox roller to obtain process density or to match Pantone® shades.

For more details on Hydrofilm 4000™, call your nearest Flint Group Narrow Web office or dealer.

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