

Hydrofilm ACE™

A MULTIPURPOSE WATER-BASED FLEXO INK FOR LABELS ON PLASTIC AND PAPER SUBSTRATES



Hydrofilm ACE™

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 ACE™ is recommended with any doctor blade as well as in a chambered doctor blade system.

Suitable for a wide variety of applications

- Self adhesive labels (polyethylene, polypropylene, BOPP, PVC, PET, polyester, polystyrene, metallic foils & films, coated & uncoated papers)
- In-mould labels or cut & stack (polyethylene, BOPP, PVC, PET)
- Synthetic wrap around labels (polyethylene, BOPP, PVC, PET)
- Tickets/tags/boards

PROPERTIES	BENEFITS
• Enhanced color strength consistency and excellent mileage	• Improved print result and profitability
• Excellent resistance to water and abrasion	• Can be used for labels exposed to extreme end-use applications
• Multipurpose ink with very good adhesion and performance on a wide range of materials	• Reduced ink inventory
• Very good printability with minimal pinholing in solids	• Enhanced colors in text and line work
• High printing speed	• Improved productivity
• Press stability, low maintenance	• Improved print quality, less waste

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Availability

- Full range of Pantone® basic colors
- 4 color process set
- Ultra fade-resistant formulations

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 ACE™ OFFERS:

- Excellent **A**dhesion to a wide range of materials
- Excellent **C**olor Strength
- **E**asy to use - low maintenance and excellent press stability
- Very good printability with minimal pinholing in solids
- High printing speed
- Very good water resistance properties
- Superior abrasion and scratch resistance

HYDROFILM ACE™	
Printing speed	Up to 400 ft/min
Printability	
Process	1.5 - 3.0 BCM
Solids	3.0 - 5.0 BCM
Press stability	•••
Material suitability	
Paper	•••
TC filmic substrates	•••
Filmic substrates	•••
Volatile content	< 11 %
Resistance properties	
Chemical	••
Water	•••
Solvent	•
Combination printing	
UV Flexo	••
UV Letterpress	••
Water-based flexo	•••
UV Flexo varnish	•••
UV Screen	••
UV Offset	••
Variable info printing	
Thermal overprinting	-
Thermal transfer	•
Hot foil	••
Cold foil cationic	-
Cold foil radical	•
Laser overprinting	-
Ink jet overprinting	••
Lamination with	
Radical adhesive	•
Cationic adhesive	-

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

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

Flint Group Narrow Web
15500 28th Avenue North,
Plymouth, MN 55447, USA
www.flintgrp.com

T +1 763 559 5911
Toll Free in the U.S.(800) 328 7838
F +1 763 559 0243
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.

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