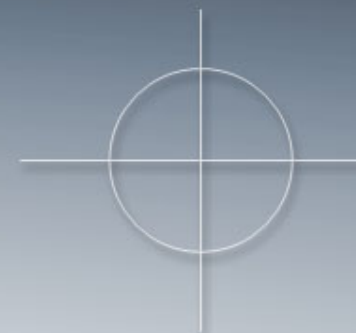


# HYDROKETT 2000



# WB flexo

## Recommendation – PS Paper



Material	Hydrokett 2000	Hydrofilm 4000	Thermokett TC
Non Coated	•••	••	•
Machine Coated	•••	••	•
Cast Coated	•••	••	•

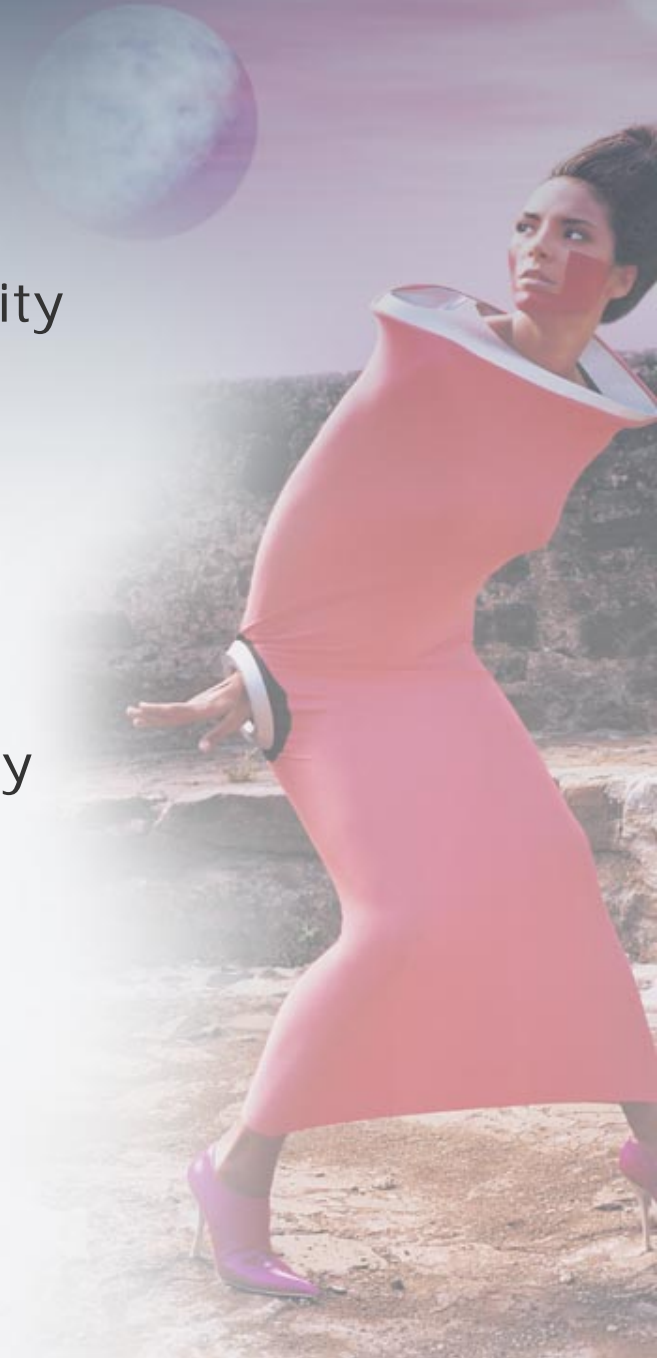
••• Highly recommended •• Recommended • Limited use - Not recommended



# Hydrokett 2000

## Properties

- Developed to have excellent press stability at high printing speeds
- Outstanding printability on a range of coated and uncoated papers.
- Suitable for a number of top coated synthetic materials
- Optimum print viscosity, pH and viscosity stability over long runs
- Clean printing with better ink lay down



# Press stability improves profit

- Designing WB inks is finding balance of drying and printability
  - In general, faster drying inks result in worse press stability (re-solubility)
  - Better printability = slower drying and not so resistance properties (coating might be needed)
  - Ability to wash up also linked to drying speeds
- Hydrokett 2000 is designed to provide optimal press stability and printability at 80 – 150 m/min

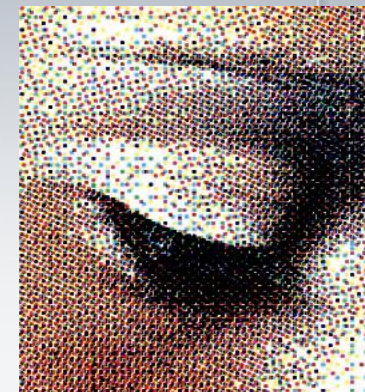


# Improve profit for printers through Hydrokett 2000

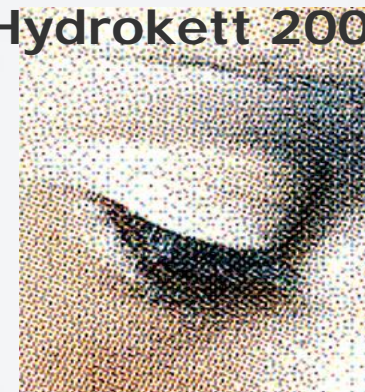
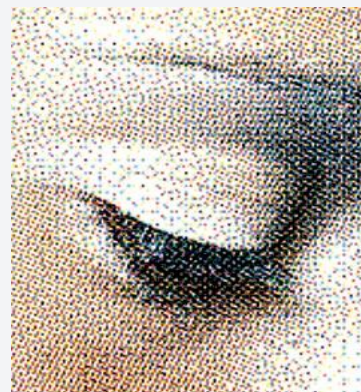
- **Quality From First Impression – To the last!**
  - First print is of highest quality
  - Print quality remains throughout run
  - Profit is improved as more sellable labels are produced per hour
  - Quicker set up allows more jobs on same equipment



Std WB Ink



Hydrokett 2000



Start

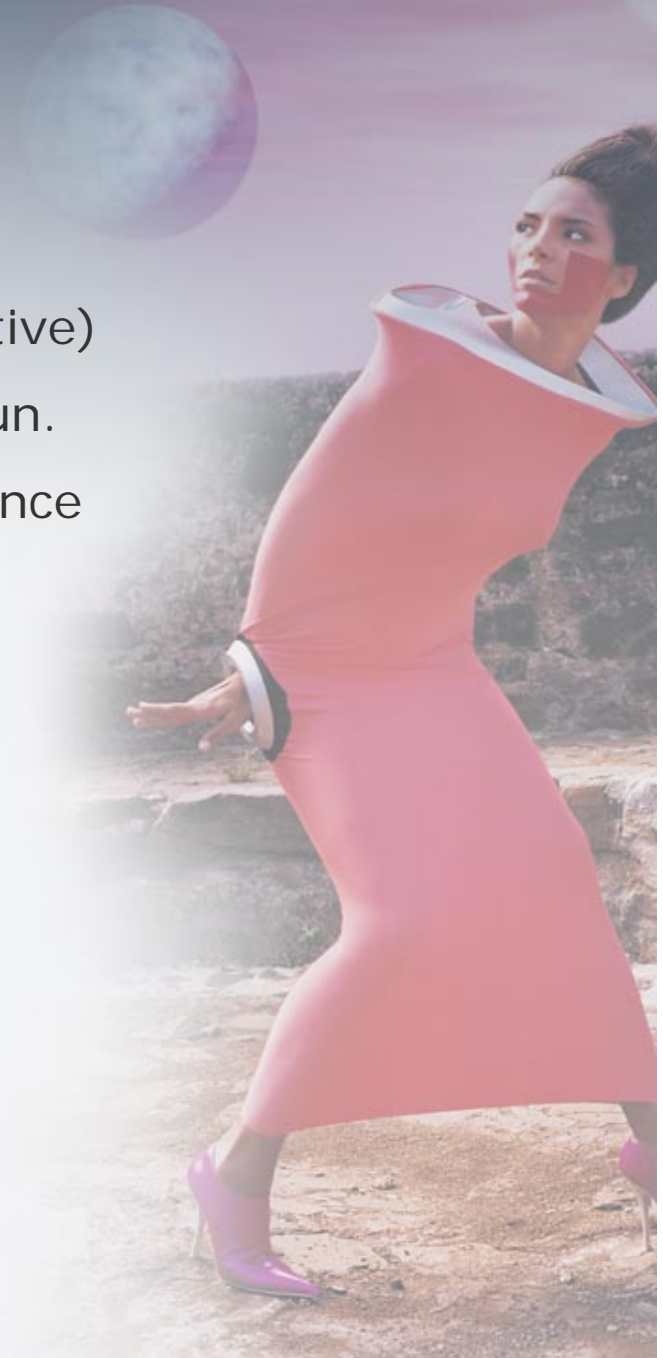
After 20 000 m



# Hydrokett 2000

## vs “normal” Water based flexo

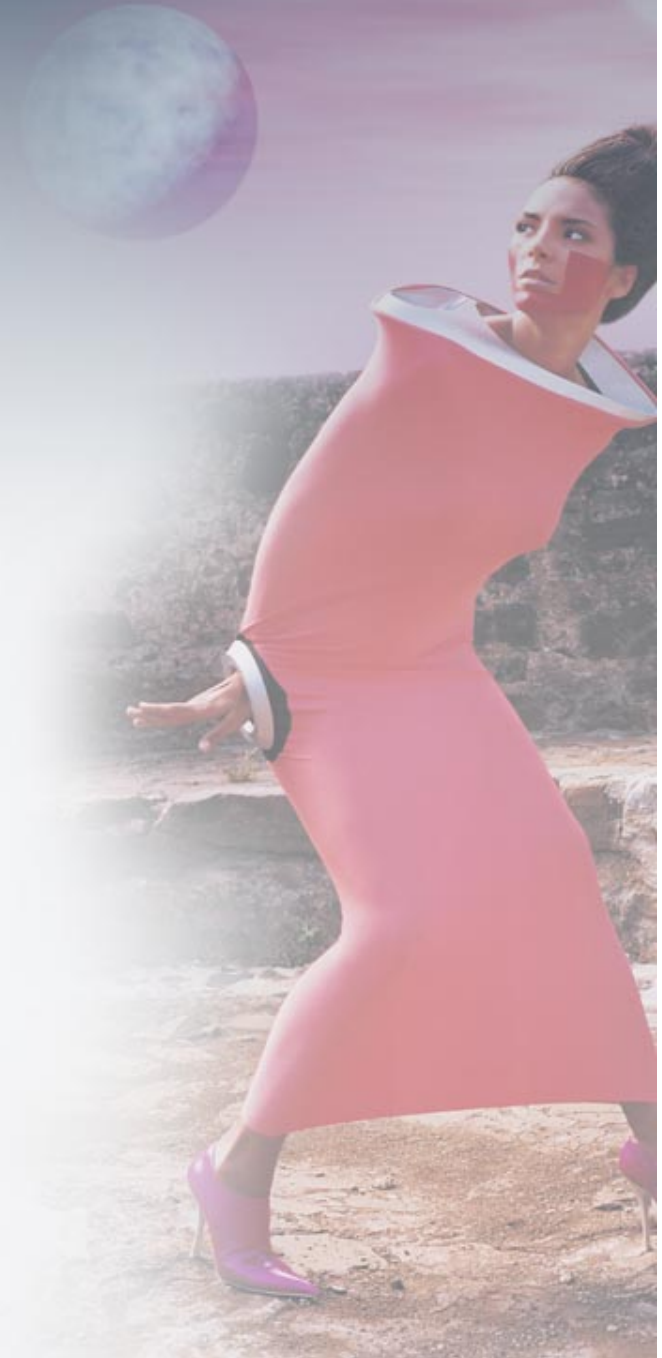
- Less dot gain / dot spread
- Sharper text / lines (positive as well as negative)
- Consistency in print quality throughout the run.
- Similar water resistance and chemical resistance
- Similar adhesion and scratch resistance to filmic substrates.
- Saves cost for the printers.



# Hydrokett 2000

## Portfolio

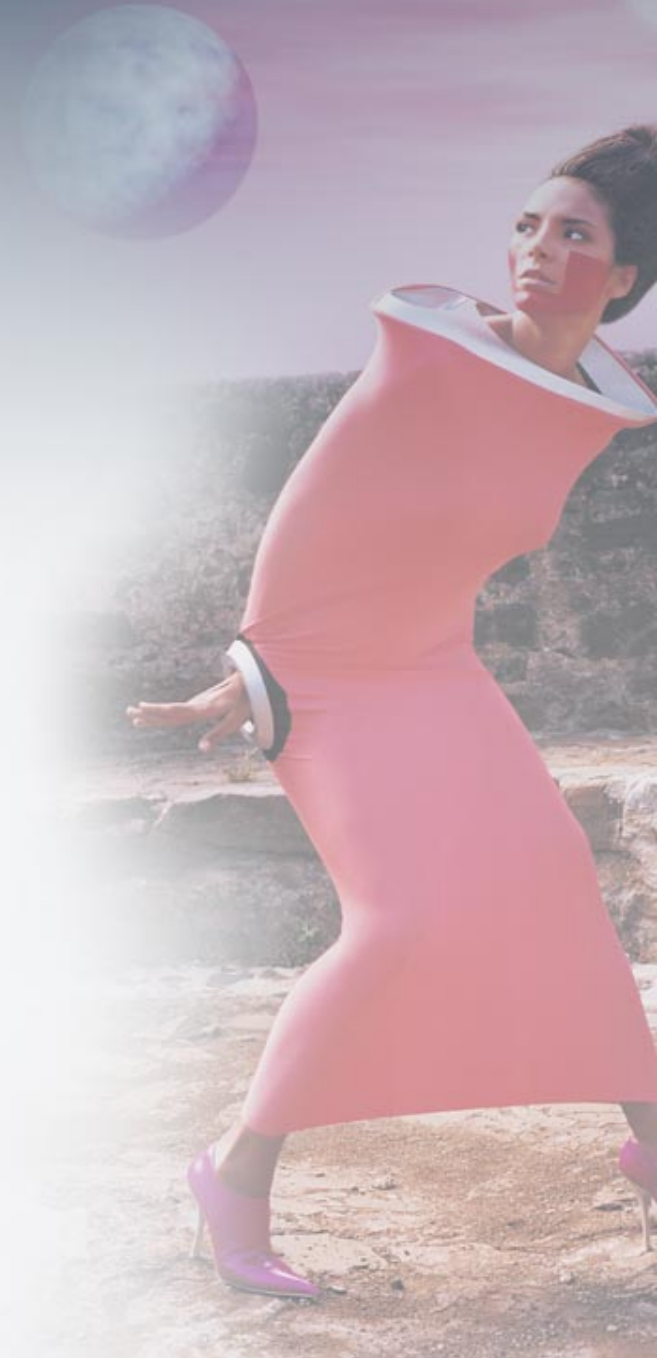
- Process colours
  - HKDXXX81 Conventional Strength
- Pantone Basic Colours
  - HKDXXXXX
- High resistant Pantone Basic colours
  - HKDXXXXX



# Hydrokett 2000

## Printing Parameters

- Process Printing: up to 150 m / min.
- Hydrokett 2000 is designed to be low maintenance over long runs. Remaining pH stable, additions should not be required.
- Density stable on paper substrates

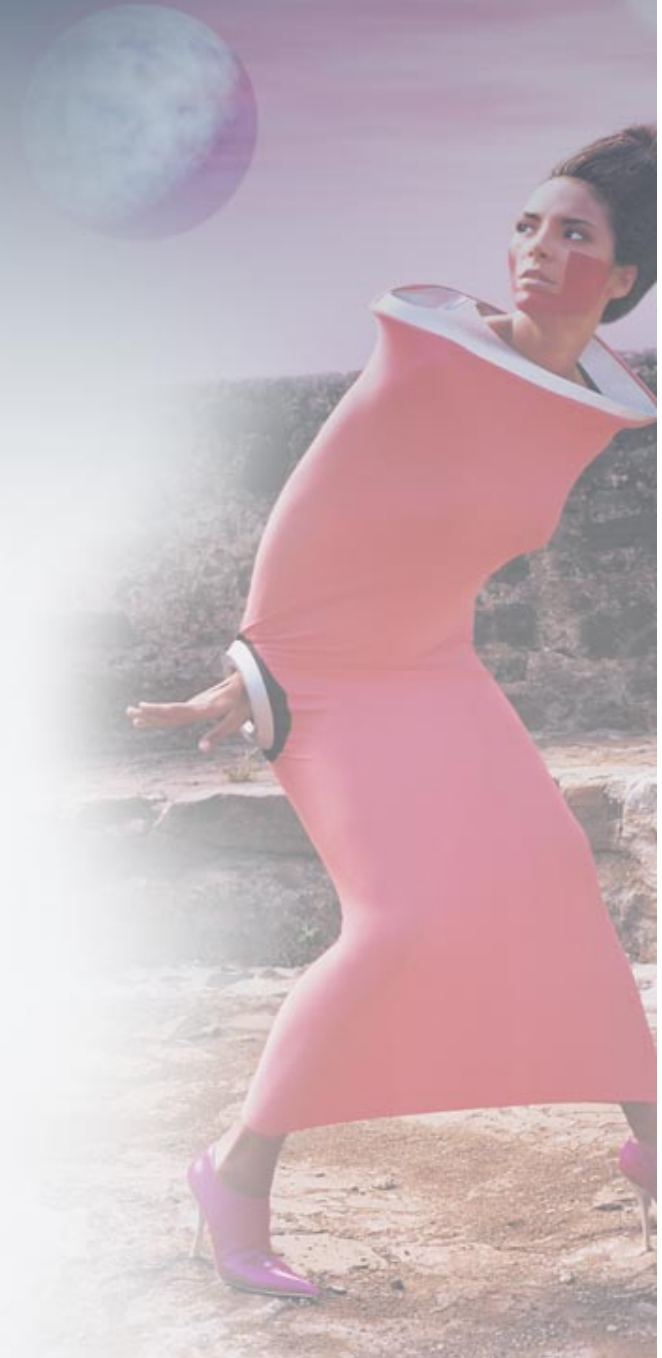




# Hydrokett 2000

## Approvals on PS Paper

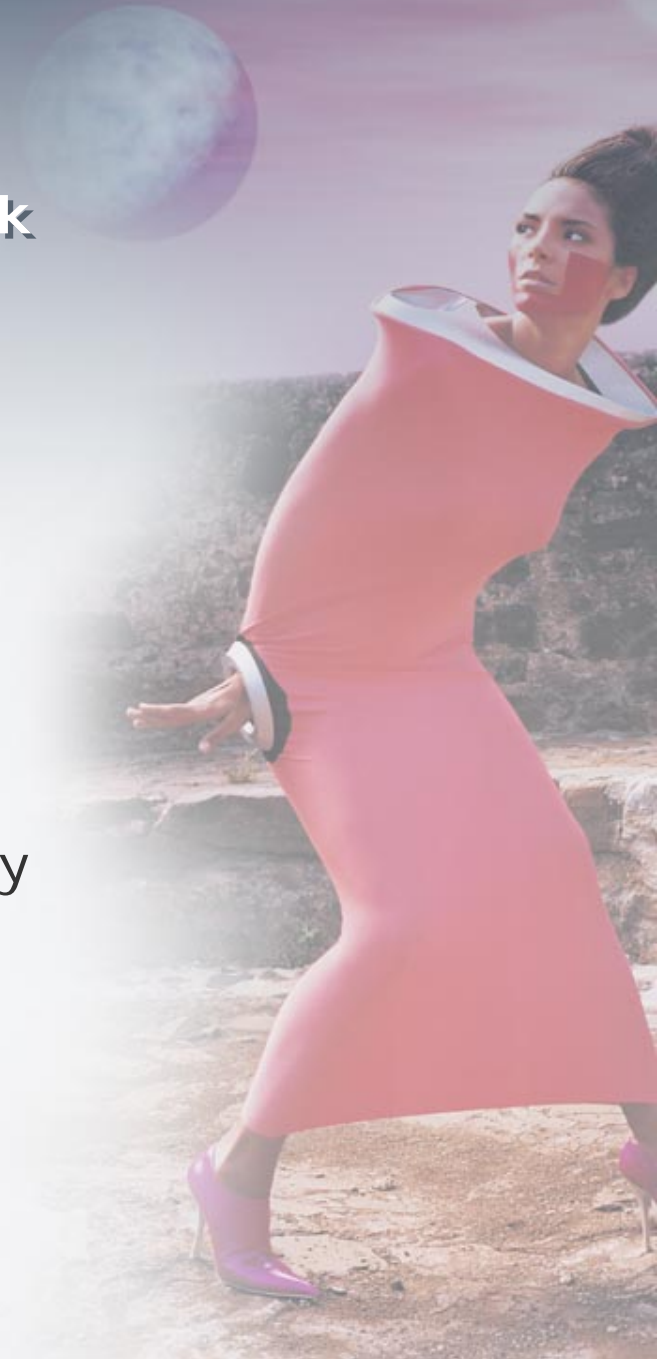
- Castgloss Raflatac
- Raflasilk Raflatac
- Raflabright Raflatac
- Raflacoat Raflatac
- High Gloss White Fasson
- Primecoat Fasson
- Vellum Fasson



# Hydrokett 2000

All you need for printing PS Label stock

- Excellent printability to a wide range of materials
- Suitable also for a range of TC synthetic materials
- Excellent Colour Strength and press stability
- Easy to use and low maintenance
- Available press ready at optimal viscosity



# WB flexo

## Recommendation – PS Film



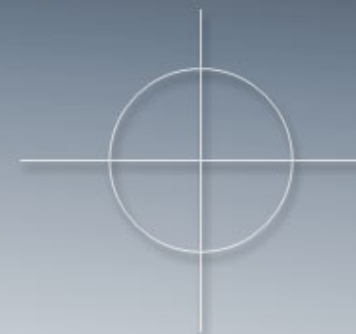
Material	Hydrokett 2000	Hydrofilm 4000	Thermokett TC
PE	••	•••	•
PE TC	•••	•••	••
PP	•	•••	-
PP TC	••	•••	•
PVC	•	•••	-
PET	•	•••	-
BOPP	-	•••	-

••• Highly recommended ••• Recommended • Limited use - Not recommended



# HYDROKETT 2000

## Additives



HAW00107	Defoamer	1% - 2%
HAW00108	Wax additive	1% - 3%
HAW00133	Slip additive	
HAW00100	Anti drying additive	

*Please refer to "Technical Data sheet for recommendation of above additives*

