

# HYDROKETT PRIME



# WB flexo

## Recommendation – PS Paper



Material	Hydrokett PRIME	Hydrofilm ACE	Thermokett
Non Coated	•••	••	•
Machine Coated	•••	••	•
Cast Coated	•••	••	•

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



# Hydrokett PRIME

## 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 PRIME is designed to provide optimal press stability and printability at 80 – 150 m/min



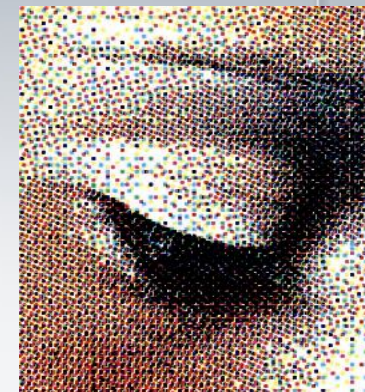


# Improve profit for printers through Hydrokett PRIME

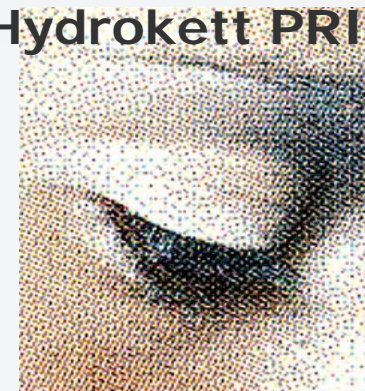
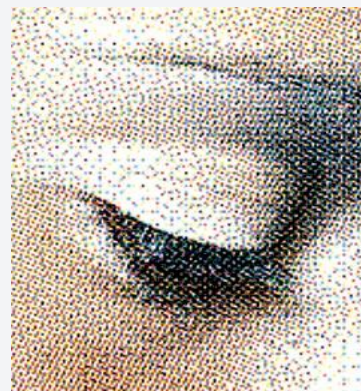
- **Quality From First Impression – To the last!**
  - First print is of highest quality
  - Print quality remains throughout run
  - Profit is improved as more sellable labels are produced per hour
  - Quicker set up allows more jobs on same equipment



**Std WB Ink**



**Hydrokett PRIME**



**Start**

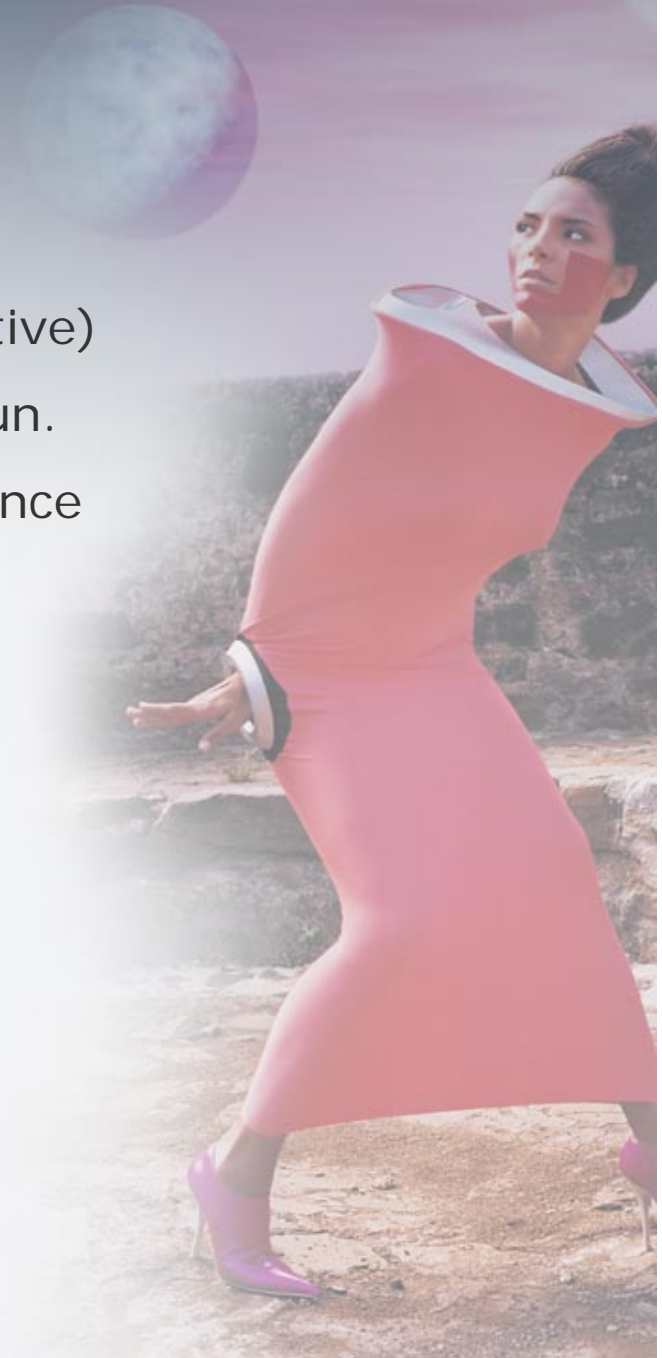
**After 20 000 m**



# Hydrokett PRIME

## vs “normal” Water based flexo

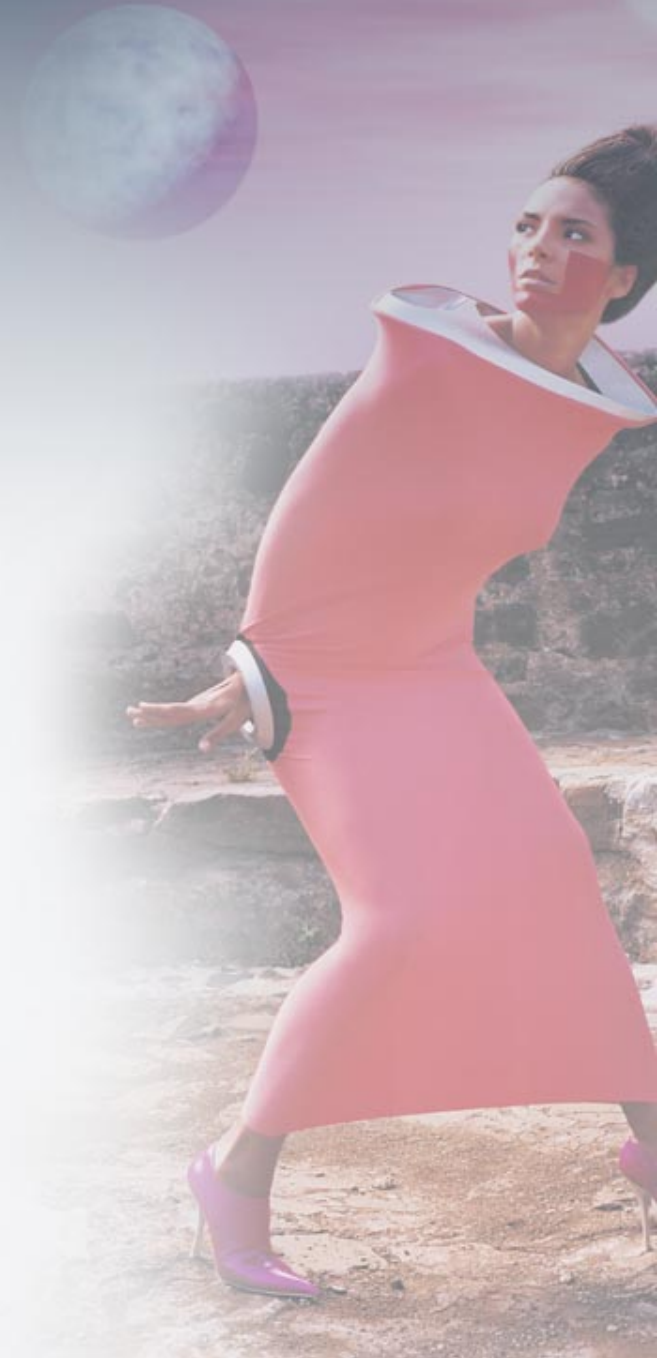
- Less dot gain / dot spread
- Sharper text / lines (positive as well as negative)
- Consistency in print quality throughout the run.
- Similar water resistance and chemical resistance
- Similar adhesion and scratch resistance to filmic substrates.
- Saves cost for the printers.



# Hydrokett PRIME

## Portfolio

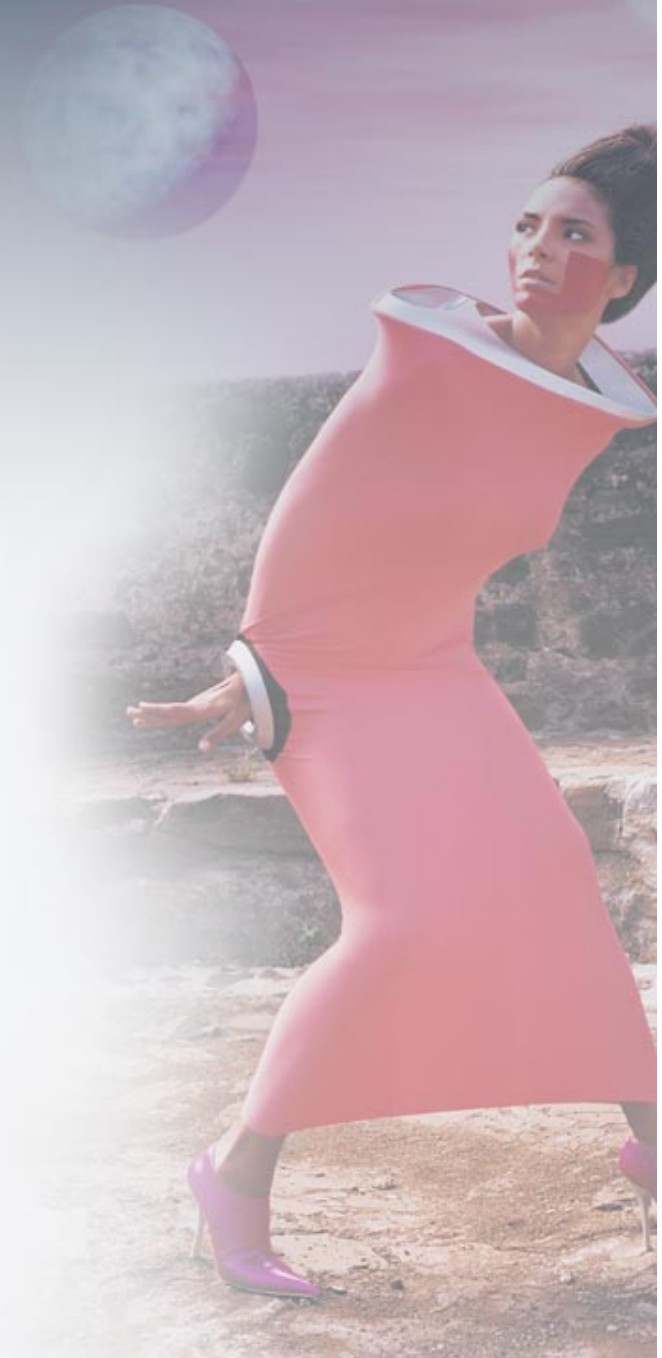
- Process colors
  - HKPXXXXX Conventional Strength
- Pantone Basic Colors
  - HKPXXXXX
- High resistant Pantone Basic colors
  - HKPXXXXX



# Hydrokett PRIME

## Printing Parameters

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

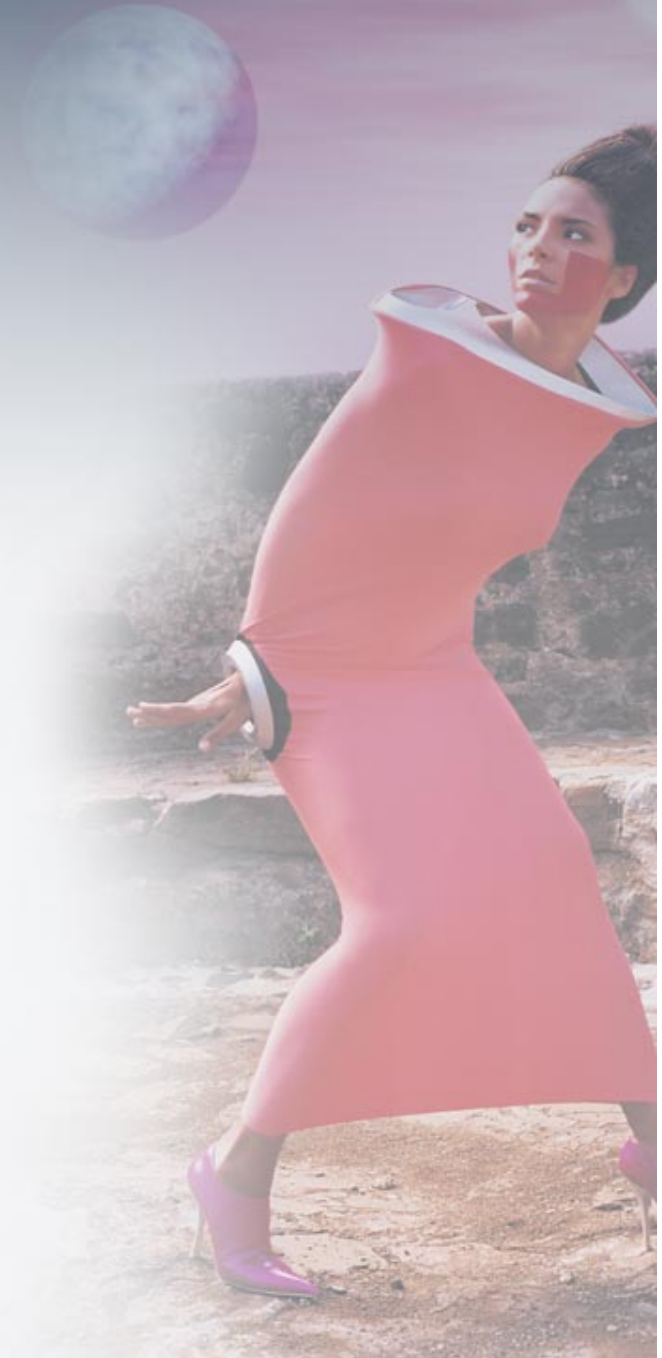




# Hydrokett PRIME

## Approvals on PS Paper

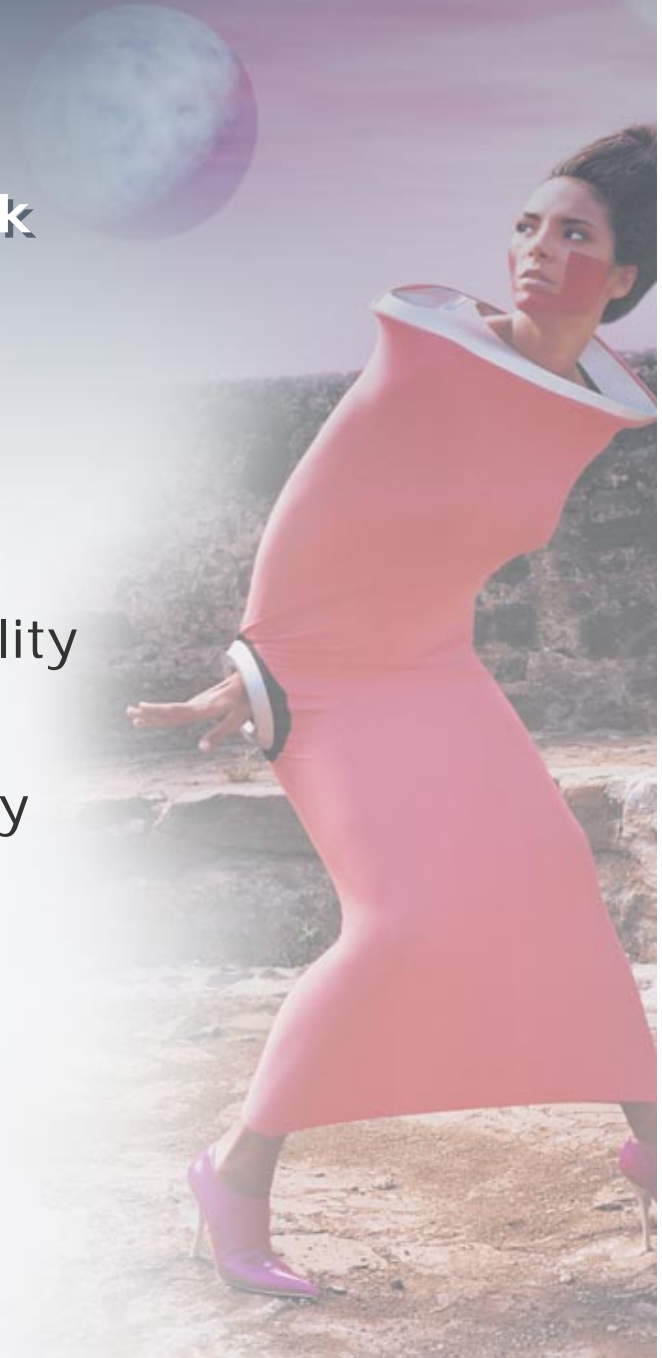
- Castgloss Raflatac
- Raflasilk Raflatac
- Raflabright Raflatac
- Raflacoat Raflatac
- High Gloss White Fasson
- Primecoat Fasson
- Vellum Fasson



# Hydrokett PRIME

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 Color Strength and press stability
- Easy to use and low maintenance
- Available press ready at optimal viscosity



# WB flexo

## Recommendation – PS Film



Material	Hydrokett PRIME	Hydrofilm ACE	Thermokett TC
PE	••	•••	•
PE TC	•••	•••	••
PP	•	•••	-
PP TC	••	•••	•
PVC	•	•••	-
PET	•	•••	-
BOPP	-	•••	-

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

