



# Technical Data Sheet

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## Varn® AIII Hydro-Solv

Automatic or manual roller and blanket wash, for mixed mode sheetfed presses.

### Product Features

- Varn® AIII Hydro-Solv is a unique blend of water miscible solvents and cleaners formulated to remove both conventional and UV inks, as well as water soluble and solvent soluble glaze.
- Varn® AIII Hydro-Solv is water miscible but contains no water. It dissolves quickly removing lint, paper dust, clay coating, casein and other debris from blankets far better than conventional washes which are not water miscible.
- Varn® AIII Hydro-Solv will combine with the residual water in the pores of a blanket and deep-down clean, even removing gum glaze. It can be mixed with 20-25% water for economy.
- Varn® AIII Hydro-Solv was formulated in conjunction with all present legislation, with a high flash point of  $>60^{\circ}\text{C}$  for increased safety and a low odour for improved working conditions.

### Advantages

- Dramatically improved blanket release.
- Excellent ink solvency power.
- Vastly reduced blanket and roller swell.
- Fogra approved.
- ISEGA certified.
- Compatible with mixed application rubber compounds such as nitrile PVC blends. Not suitable for EPDM or nitrile.
- Recommended for automatic blanket and roller washing equipment.



# Varn® AIII Hydro-Solv

## Benefits:

- Formulated for both UV and Conventional inks.
- High flashpoint (>60°C) AIII.
- Reduced waste and increased production.
- Low odour.
- Easy start-ups and reduced downtime.
- Versatile application and improved roller and blanket life.
- Once solvent for all applications.
- Formulated for washing UV and conventional inks.
- Excellent blanket release properties and vastly reduced blanket and roller swell.

## Product code

KV10-0A3G-#### (final 4 digits relate to pack size).

## Pack sizes

10 litres (01F9), 20 litres (01H5), 200 litres (01MP), 600 litres (01U6) and 1000 litres (01U0).

## Application

Automatic systems: Use un-diluted.

Blankets: Mix with water or apply with a wet wash-up cloth. It can be used 'as is' or with up to 20% water to remove both water soluble and solvent soluble glaze, blanket piling and lint.

Rollers: Use 'as is' or mix with 20-25% water to remove gum glaze, paper fibres and lint. For optimum performance use in conjunction with Varn® Take it off/Revitrol and Varn® Calcium Deglazer as part of a regular press maintenance system.

Do not use on unbaked positive plates or EPDM rubber compounds.

Follow relevant Good Manufacturing Practice (GMP) guidelines if used for the production of food packaging.

## Flashpoint

>60°C (AIII).

## Approvals

OEM approved (manroland, KBA and Heidelberg Sheetfed presses; Baldwin) in accordance with Fogra corrosion and elastomer swell testing criteria.

ISEGA certified for safe use in the printing process of food packaging materials.

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