



Technical Data Sheet

Version: 27/04/2021

Varn® Ultra 4100

General purpose fountain concentrate, suitable for UV sheetfed presses.

Product Features

- Varn® Ultra 4100 is a complete product that prints sharper and will give clean, quick start-ups with a definite reduction in ink consumption. Because less ink and water are run, ink comes off the press drier and denser colours are obtained.
- Varn® Ultra 4100 is specially formulated for use with UV inks, performs well with the latest low energy–high reactivity UV inks and is also suitable for use with conventional inks.

Advantages

- Improved compatibility with UV metallic inks.
- Stronger desensitising properties.
- Reduced plate stain with metallic golds.
- Milder wetting to give reduced emulsification with UV inks.
- Additional anti-piling agents
- Fogra approved.
- ISEGA certified.
- Typical IPA levels 5 – 10%.
- Meets press manufacturers corrosion and elastomer swell requirements.



Varn® Ultra 4100

Benefits:

- Reduced set-off.
- Reduced wash-ups of impression cylinders.
- Consistent print quality.
- Reduced ink build-up on impression cylinders.
- Improved ink drying.
- Accurate control of pH.
- Better dampening solution control.
- Non-foaming
- Minimal damp.
- Stable buffer system.
- Reduced waste.

Available pack sizes	10kg (01F9), 20kg (01H5), 200kg (01N1) and 1000kg (01U0).
Product code	KT10-188G-#### (final 4 digits relate to pack size). Also available in a version to suit hard/alkaline waters of more than 250 ppm calcium carbonate and/or 15°dh hardness - KT10-1U4G-####.
Recommended dosage	Between 2% and 4%, depending on local water conditions.
Notes	Follow relevant Good Manufacturing Practice (GMP) guidelines if used for the production of food packaging.
Approvals	OEM approved (Heidelberg, KBA and manroland Sheetfed presses) 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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