

Lithocure Premium

New Generation UV offset ink-
Designed for Narrow web



Lithocure Premium

Designed for Narrow web offset

Lithocure Premium

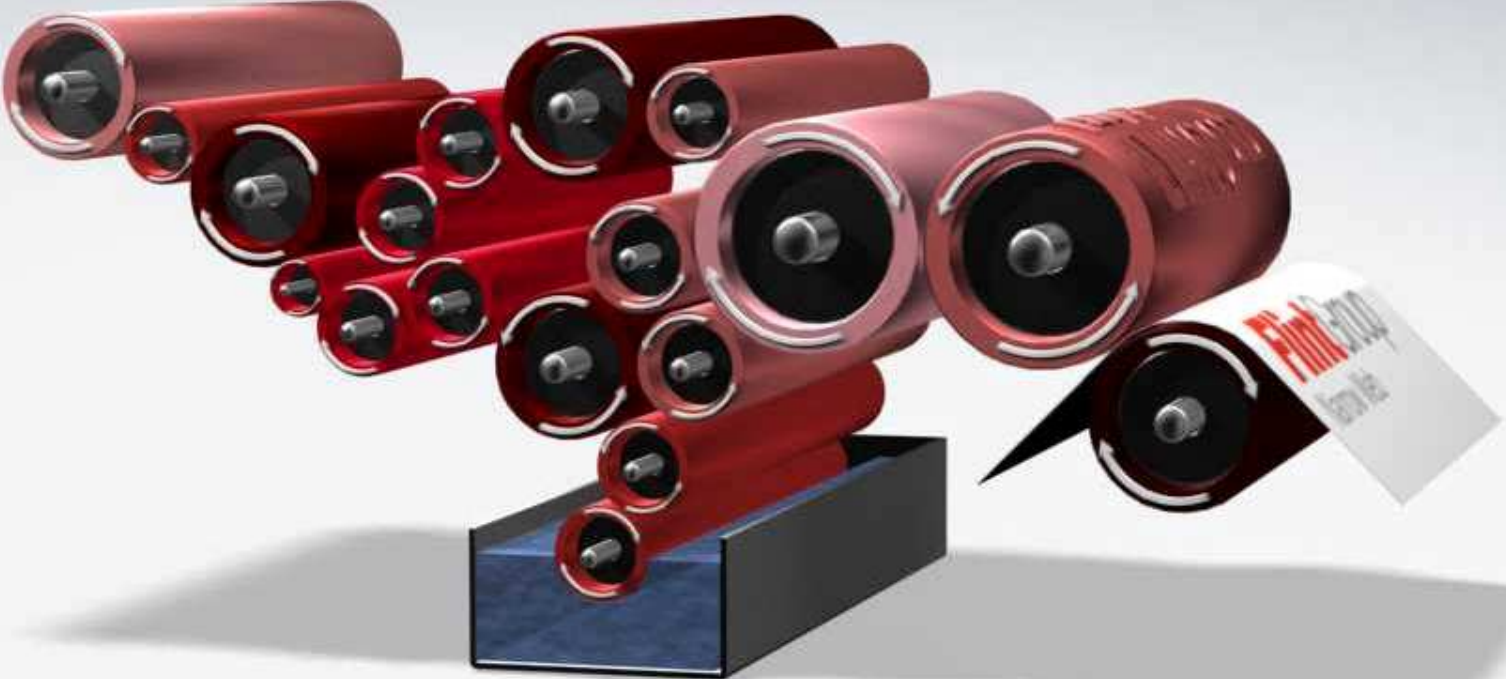
- UV offset ink tailor-made for Narrow web presses.
- Optimised for Narrow web presses like Nilpeter M series, Gallus RCS, Drent/Goebel
- Outstanding lithographic properties, very stable in press irrespective of press settings and fluctuations
- Very large operating window leading to increased productivity - easy to set up and get started



Offset Unit



Ink fountain roller Vibrator roller Inking roller Oscillating roller Form roller Plate Cylinder Blankett Impression Cylinder



Dampening roller

Water & Fountain solution



Lithocure Premium

Designed for Narrow web

- Optimal performance on Narrow web presses
 - Test runs have been conducted on
 - Nilpeter M series
 - Gallus TCS & RCS
 - Drent/Goebells
- Universal application approach – from wine (paper) to cosmetic (synthetic) labels
 - Proven to work excellent from demands set on wine labels over to high end cosmetic labels.
 - Proven to be stable at extreme density demands.
- Wide operating window, out standing tolerances to water/settings, excellent colour strength & printability – Easy to run even with limited experience



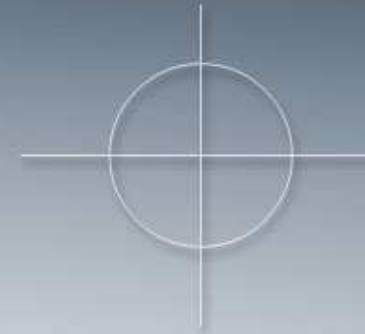
Lithocure Premium – Technical Benefits



- Lithocure Premium is developed to have a maximized water/fount window and stability over press hours/shifts.
- Due to the outstanding water fount window, lower dot gain, and more stable densities on press are also seen.
- Lithocure Premium is less prone to show scumming/toning at demanding designs & press room conditions.
- Lithocure Premium is more tolerant to different fount types, and has been proven with both alcohol and alcohol free fount solutions.

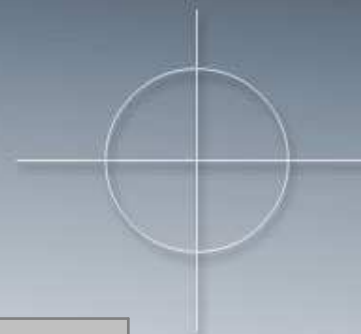


Lithocure Premium – Technical Benefits

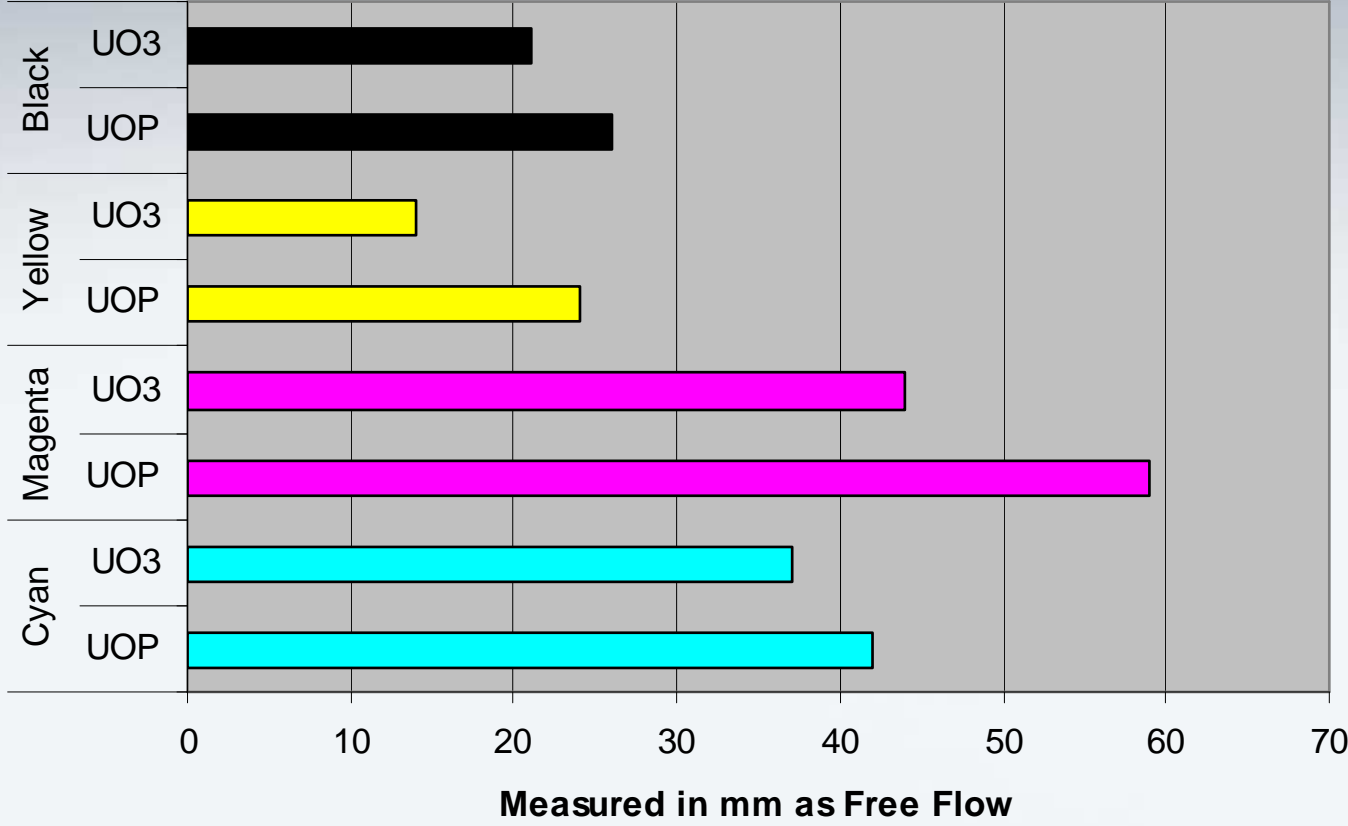


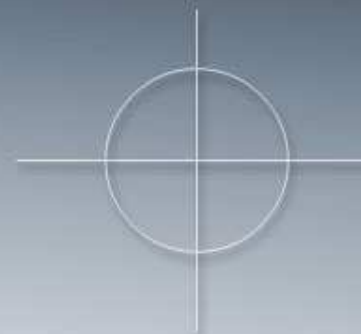
- Lithocure Premium has very good curing properties.
- Lithocure Premium has excellent colour strength.
- Lithocure Premium adhesion to a wide range of synthetic materials (PE, PVC, top coated PP & PE, coated & uncoated papers, PP & cast coated papers).
- Lithocure Premium has excellent ink-duct behavior /ink-flow.



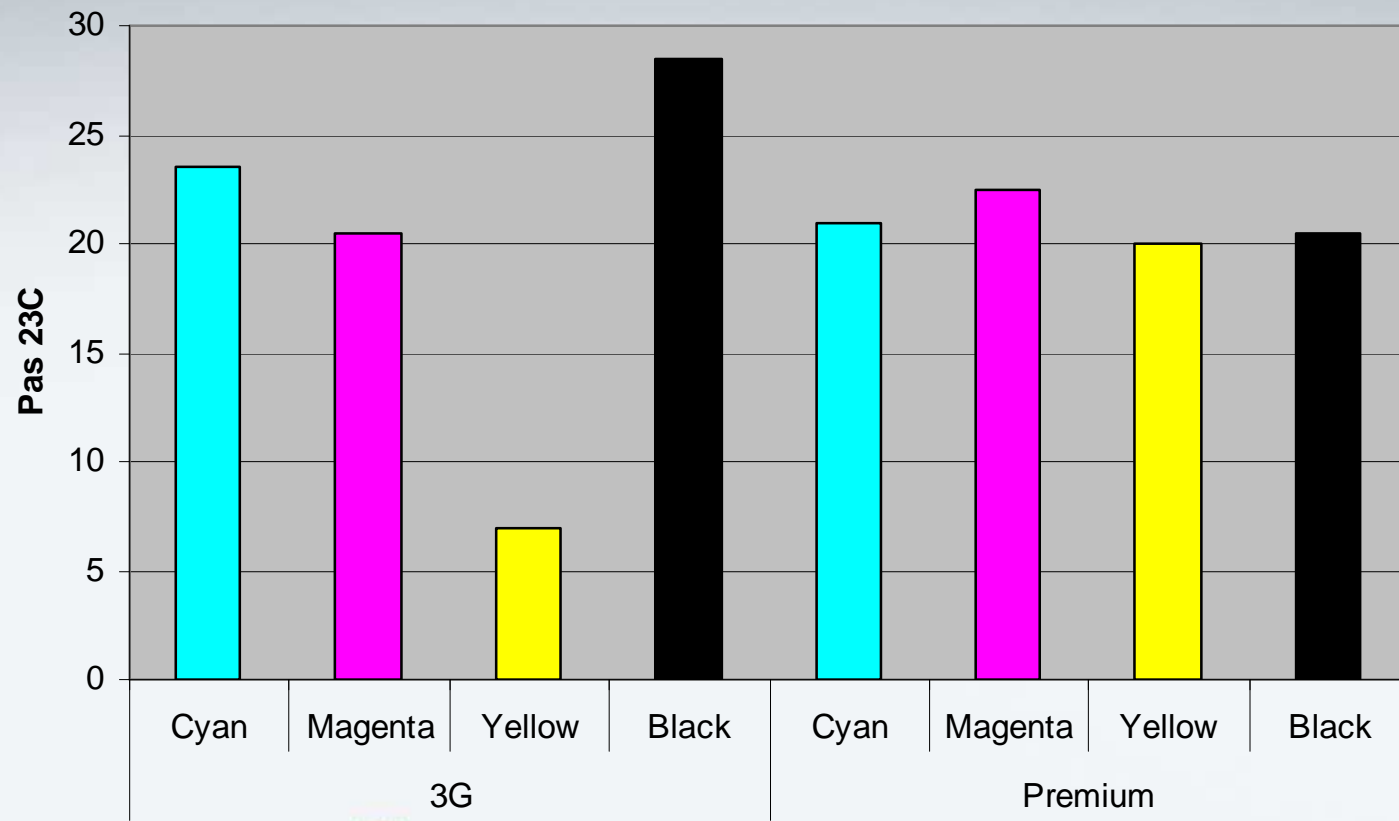


Ink duct Flow





Viscosity

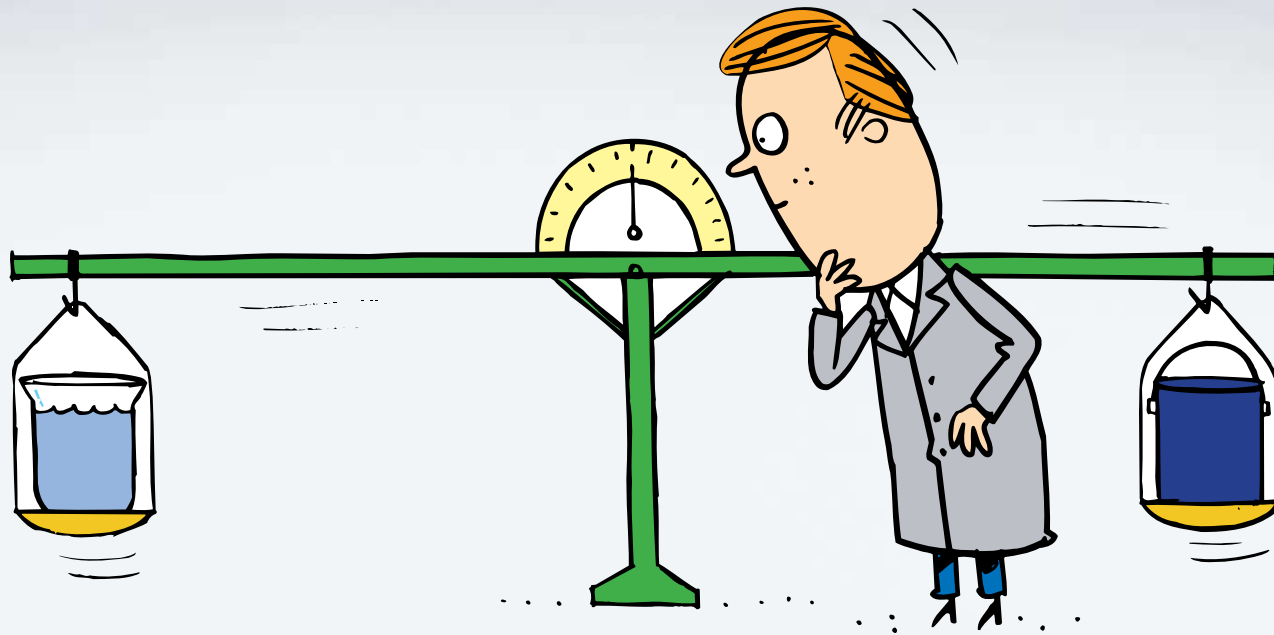


Competitive Advantages

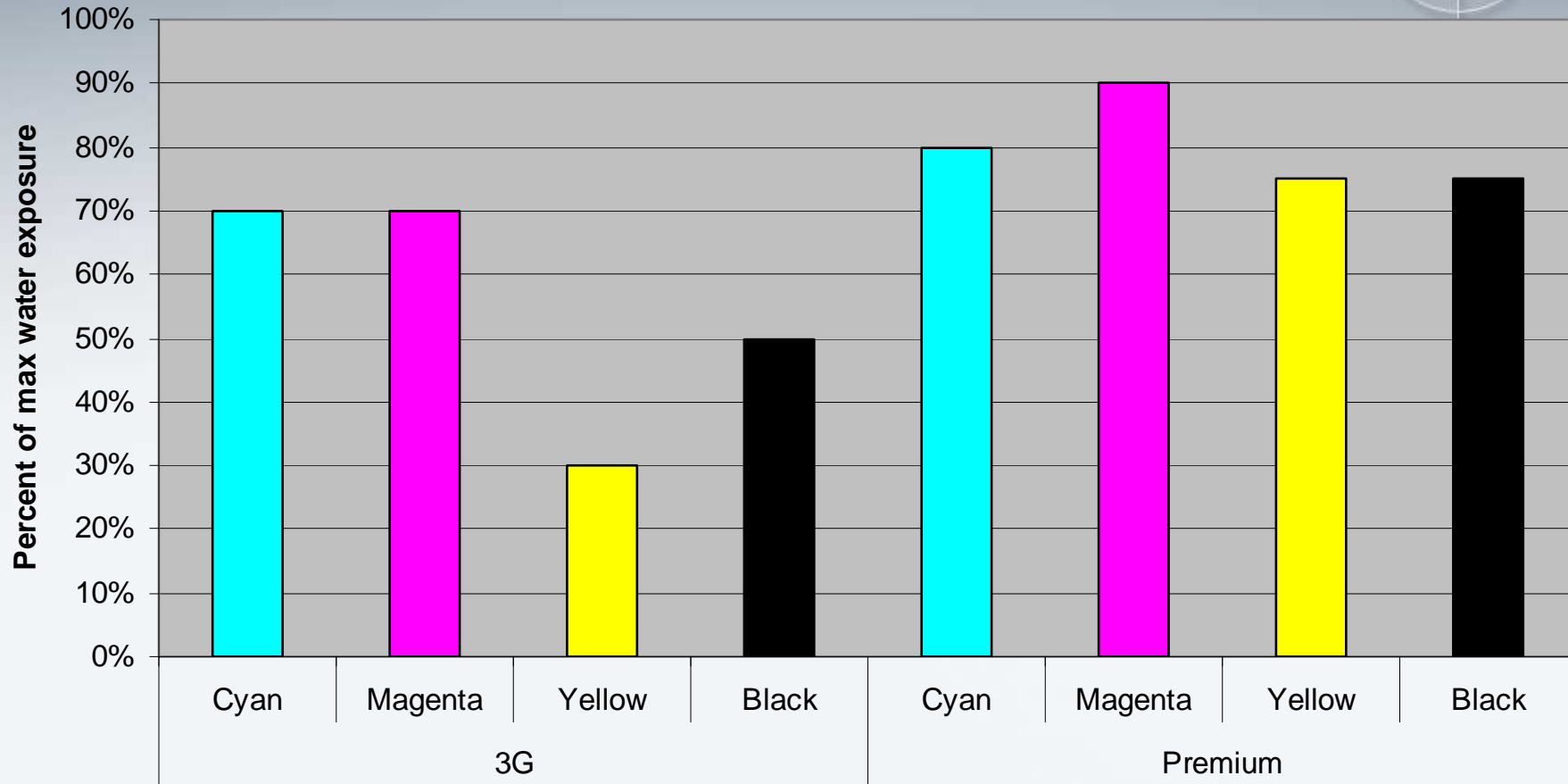
- Lithocure Premium competes very well with all known UV offset inks.
- Because the transport of Lithocure Premium is good, therefore less ink is required to hit target density.
- No competitive inks tested so far can run at the same minimum fount level.
- Lithocure Premium shows more stable densities at higher fount levels.
- Lithocure Premium has excellent adhesion.



UV Offset – complex print method requires balance



Fount Water window



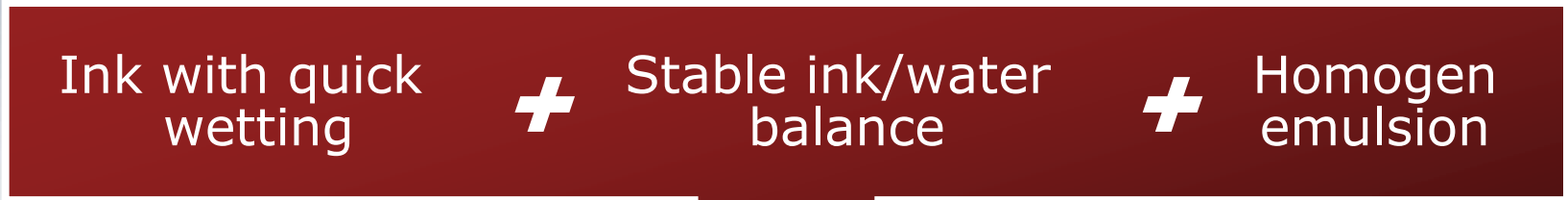
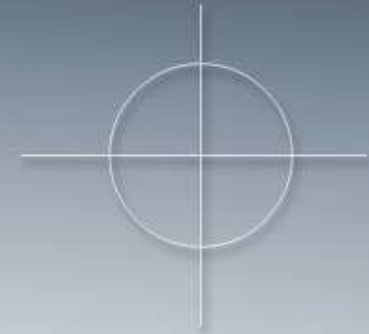
Key printing performance criteria

- Operating window (water tolerance settings)
- Lithographic properties / emulsification (no tinting at extremities)
- Tolerance of water fluctuations



Lithocure Premium

UV Offset printing- the profitable way



Low waste
Press Uptime

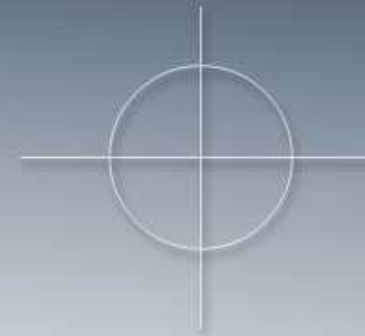


True Narrow web UV offset

- Excellent print performance on papers (from Wine paper until cast coated).
- Lithocure Premium remains open with sharp dots over long runs.



UV Offset inks



Application	Lithocure Premium
PS Paper label	• • •
PS Film Labels	• • •
Wrap around film label	• •
In mold Label	• •
Sleeves	•
Folding Carton	• • •
Sachets & Pouches	• •
Flexible Packaging	•
• • • Highly recommended • Limited use - Not recommended	

