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
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.
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
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

- Ink with quick wetting
- Stable ink/water balance
- Homogen emulsion

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

<table>
<thead>
<tr>
<th>Application</th>
<th>Lithocure Premium</th>
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<tbody>
<tr>
<td>PS Paper label</td>
<td>●●●</td>
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<tr>
<td>PS Film Labels</td>
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<tr>
<td>Wrap around film label</td>
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<td>In mold Label</td>
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<td>Sleeves</td>
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<td>Folding Carton</td>
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<tr>
<td>Sachets &amp; Pouches</td>
<td>●●</td>
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<tr>
<td>Flexible Packaging</td>
<td>●</td>
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</tbody>
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- ●●● Highly recommended
- ● Limited use
- Not recommended