

# Arrowstar® UV 7400 Ink Series

Sharp print inks for sheetfed applications in commercial and packaging printing

Arrowstar® UV 7400 Ink Series utilizes soybean oil, state-of-the-art resin and photoinitiator chemistries to provide properties targeting UV high-quality sheetfed printing for commercial and packaging applications.

## Product Features

- Very balanced process set (TVI): Free of Benzophenone and ITX
- Environmentally responsible—contains replenishable vegetable oil (soy)
- Suitable for folding carton, commercial printing, and labels

## Advantages of Arrowstar® UV 7400

- Runnability similar to conventional ink
- Low water pick-up
- Sharpest print quality; low dot gain
- Excellent performance on the most demanding dampening systems
- Fast curing speed
- Excellent press stability
- Medium tack & viscosity range
- Suitable for direct finishing
- No VOCs



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## Arrowstar UV 7400 Process Colors

Color	Light fastness 100% Strength*	100% Strength 10% Tint*	Alkali**	Alcohol*	Nitro (solvents)**
<b>Black</b>	<b>8</b>	<b>7</b>	<b>2</b>	<b>2</b>	<b>2</b>
<b>Cyan</b>	<b>8</b>	<b>8-7</b>	<b>5</b>	<b>5</b>	<b>5</b>
<b>Magenta</b>	<b>5</b>	<b>4</b>	<b>2</b>	<b>4-3</b>	<b>5</b>
<b>Yellow</b>	<b>5</b>	<b>5-4</b>	<b>5</b>	<b>4-3</b>	<b>5</b>

Color properties complying with ISO 2846-1.

(\*Blue Wool scale, 1=minimum, 8=maximum)

\*\*Resistance properties in accordance with the Grey scale according to ISO 105-A03 or ISO

105-A02 1 = poor, 5 = very good)

### Substrates

Ideally suited for paper, paperboard.

### Fountain solution

All quality fountain solutions can be used. The Arrowstar UV 7400 inks are recommended for printing with and without alcohol.

### Rollers/blankets

The Arrowstar UV 7400 inks have been formulated to exclude materials known to cause swelling or degradation of EPDM and NBR type rollers. In general, UV curable inks and the special cleaning fluids can, to a certain extent, cause swelling or shrinking of rubbers. Rubber types like EPDM, butyl nitrile or vinyl nitrile are recommended.

### Additives

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