

# Arrowstar® Plus UV 8000

**High-quality, versatile energy curable inks for a wide range of commercial and packaging applications**

## **Arrowstar® UV inks for offset printing**

Arrowstar® Plus UV 8000 inks' state-of-the-art resin and photoinitiator chemistries enable high-performance UV printing on high-speed sheetfed and offset web presses.

These versatile inks are a strong choice for folding carton and commercial printing applications, as well as for direct finishing and subsequent laser printing.

### **Advantages of Arrowstar® Plus UV 8000**

- Extremely fast cure speed for high-speed applications
- Exceptional rub resistance compared to standard UV ink systems
- Suitable for difficult backside printing\*
- Improved ink and water emulsion characteristics
- Dense black suitable for stand-alone printing of rich solids and bold line type
- Free of Benzophenone, 4 Methyl Benzophenone and ITX

*\*For non-food applications unless a barrier exists*

# Arrowstar® Plus UV 8000 Ink Series

## Arrowstar Plus UV 8000 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>7-8</b>	<b>5</b>	<b>5</b>	<b>5</b>
<b>Magenta</b>	<b>5</b>	<b>4</b>	<b>2</b>	<b>3-4</b>	<b>5</b>
<b>Yellow</b>	<b>5</b>	<b>4-5</b>	<b>5</b>	<b>3-4</b>	<b>5</b>

Color properties complying with ISO 2846 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)

Not suitable for lamination; if lamination is required, contact your Flint Group representative

### Substrates

Ideally suited for coated and uncoated papers and boards, matte coated papers, and coated and uncoated paperboards.

### Fountain solution

All quality fountain solutions can be used. Arrowstar Plus UV 8000 inks are recommended for printing with and without alcohol.

### Rollers/blankets

Arrowstar Plus UV 8000 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

Consult your local Flint Group representative.

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