

## SHEETFED

# Arrowstar<sup>®</sup> 8041 Low VOC

ULTRA-LOW VOC, VEGETABLE OIL BASED SHEETFED PROCESS SERIES FOR FOLDING CARTON AND LABEL PACKAGING

### Arrowstar<sup>®</sup> 8041 Low VOC

Arrowstar<sup>®</sup> 8041 Low VOC is formulated mineral oil free with the highest level of vegetable oils and overall bio-renewable content resulting in less than 3% VOC's and the optimal environmentally responsible ink.

### Suitable Applications

- Folding Carton
- Cut & Stack Label
- Commercial print requiring the highest level of environmental stewardship



Attributes	Benefits
<ul style="list-style-type: none"><li>• Excellent dot gain balance in process series</li></ul>	<ul style="list-style-type: none"><li>• High quality, consistent print reproduction</li></ul>
<ul style="list-style-type: none"><li>• Highest level of naturally renewable resources</li></ul>	<ul style="list-style-type: none"><li>• Environmentally responsible – less than 3% VOC</li></ul>
<ul style="list-style-type: none"><li>• Excellent press stability; good setting properties</li></ul>	<ul style="list-style-type: none"><li>• Excellent runability on perfecting presses. Suited for straight line presses</li></ul>
<ul style="list-style-type: none"><li>• Excellent flow and transfer properties</li></ul>	<ul style="list-style-type: none"><li>• Significantly reduced picking, suitable for wide range of boards and paper substrates</li></ul>
<ul style="list-style-type: none"><li>• Excellent ink/water emulsion characteristics</li></ul>	<ul style="list-style-type: none"><li>• Excellent performance on the most demanding dampening systems</li></ul>
<ul style="list-style-type: none"><li>• Excellent through drying</li></ul>	<ul style="list-style-type: none"><li>• Excellent rub resistance</li></ul>

### Availability

- ISO 2846-1 compliant process series

### Colour Matching

- ISO 2846-1 compliant

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Colour	Fastness Properties					Printing Properties								
	Lightfastness	Alcohol	Solvent Mixture	Alkali	Not-calendaring	Dot Gain	Gloss	Setting	Oxidative Dry	Rub resistance	Rapid Further Processing	Suitability for gloss coated papers/board	Suitability for uncoated papers/board	Suitability for matte coated papers/board
						6	6	4	5	6	5	7	5	5
<b>Arrowstar® 8041 Black (blue toned)</b>	8	-	-	+	+	1 = Characteristic weakly expressed 7 = Characteristic strongly expressed								
<b>Arrowstar® 8041 Cyan</b>	8	+	+	+	+	The assessment of the colour properties was made under standardized printing conditions. In individual cases, under special conditions, as in printing with very high ink densities, the classification of certain properties may be different.								
<b>Arrowstar® 8041 Magenta</b>	5	+	+	-	+									
<b>Arrowstar® 8041 Yellow</b>	5	+	+	+	+									

Lightfastness properties according to ISO 12040: from 1 (low) to 8 (high)

Fastness properties according to ISO 2836: + = Resistance provided, - = Resistance not provided

## Substrates

Ideally suited for coated and uncoated papers and boards.

## Fountain solution

All quality fountain solutions can be used.

## Drying Properties

Oxidative drying is fast at normal pressroom temperature and humidity.

## Remarks

The combination of fast oxidative drying and setting as offered by Arrowstar® 8041 ensures rapid, reliable further processing. Arrowstar® 8041 complies with DIN ISO 2846-1 as required for printing to ISO 12647 and achieving G7 compliance.

## More products. Streamlined access. Greater results.

Flint Group's Print Media division offers uniquely powerful combination of products, services and expertise giving you access to the industry's broadest range of pressroom products optimally suited for use with Arrowstar® UV inks.

## Inks & Coatings. Pressroom Chemicals. Blankets. Sleeves. Consumables.

Rely on us for consistency, reliability and customer focus. Our aim is to make it easier for you to achieve your business goals. With Flint Group products in your pressroom, you can run your business with confidence and peace of mind.

For more details on Arrowstar® 8041 Low VOC, call your nearest Flint Group office or dealer.

Flint Group  
15500 28th Avenue North,  
Plymouth, MN 55447, USA  
www.flintgrp.com

T +1 763 559 5911  
Toll Free in the U.S.(800) 328 7838  
F +1 763 559 3725  
info.packaginginks@flintgrp.com

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