

SHEETFED

Arrowstar[®] 4041 Low VOC, High Strength

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

Arrowstar[®] 4041 Low VOC, High Strength

Arrowstar[®] 4041 Low VOC, High Strength 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
• High colour strength	• Ideal for heaviest coverage, high density applications
• Excellent dot gain balance in process series	• High quality, consistent print reproduction
• Highest level of naturally renewable resources	• Environmentally responsible – less than 3% VOC
• Excellent press stability; good setting properties	• Excellent runability on perfecting presses. Suited for straight line presses
• Excellent flow and transfer properties	• Significantly reduced picking, suitable for wide range of boards and paper substrates
• Excellent ink/water emulsion characteristics	• Excellent performance on the most demanding dampening systems
• Excellent through drying	• Excellent rub resistance

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
						7	6	5	5	6	5	7	5	5
Arrowstar® 4041 Black (blue toned)	8	-	-	+	+	1 = Characteristic weakly expressed 7 = Characteristic strongly expressed								
Arrowstar® 4041 Cyan	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.								
Arrowstar® 4041 Magenta	5	+	+	-	+									
Arrowstar® 4041 Yellow	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. Also suited for matte papers.

Fountain solution

All quality fountain solutions can be used.

Drying Properties

Fast setting. Oxidative drying is fast at normal pressroom temperature and humidity.

Remarks

The combination of fast oxidative drying and setting as offered by Arrowstar® 4041 ensures rapid, reliable further processing. Arrowstar® 4041 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® 4041 Low VOC, High Strength, call your nearest Flint Group office or dealer.

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