

FlintGroup Arrowstar® Low VOC 8041

Description: Arrowstar® Low VOC 8041 is a quality, workhorse process series formulated from renewable vegetable oils resulting in very low VOC content. This series is a duct fresh, multi-purpose ink series ideally suited for folding carton and label applications. The benefits of Arrowstar® Low VOC 8041 are excellent gloss, good setting and excellent perfecting properties. Optimally suited for perfecting applications, as well as straight-line printing.

Process: Sheetfed Offset

Application: Process printing for folding carton and label applications, as well as general commercial printing, via sheetfed offset presses

Substrate: Gloss coated and uncoated paper and paperboard

- Key Features:**
- Less than 3% VOC per colour
 - Improved low misting properties
 - Minimal dot gain
 - Excellent through drying and rub resistance
 - Excellent press stability
 - Formulated with high levels of bio-renewable resources – NAPIM BRC = 70
 - High gloss
 - Suitable for off-line UV coating, lamination and foil stamp (testing recommended)

Limitations:

- Slightly slower setting speed than traditional vegetable based series

Colour Range:

SF-K8041	Arrowstar® Low VOC 8041 Black
SF-C8041	Arrowstar® Low VOC 8041 Cyan
SF-M8041	Arrowstar® Low VOC 8041 Magenta
SF-Y8041	Arrowstar® Low VOC 8041 Yellow

ISO Compliance: Complies with ISO 2846-1

Fastness Properties:

	Light	Alcohol	Solvent	Alkali	Hot Calendering
Black – blue toned	8	-	-	+	+
Cyan	8	+	+	+	+
Magenta	5	+	+	-	+
Yellow	5	+	+	+	+

Lightfastness properties according to ISO12040: from 1 (low) to 8 (high)
Fastness properties according to ISO2836: + = resistance provided, - = resistance not provided

Printing Properties:

Dot Gain	6
Gloss	6
Setting	4
Oxidative Drying	5
Rub Resistance	6
Rapid Further Processing	5
Suitability for Glossy Coated Papers/Board	7
Suitability for Uncoated Papers/Board	5
Suitability for Matte Coated Papers/Board	5

Rating Scale - 1 (poor) to 7 (excellent)

PRODUCT TECHNICAL DATA SHEET

All information is based on results from experience and tests and is believed to be accurate, but given without acceptance of liability for loss or damage, attributable to reliance thereon as conditions of use lie outside our control