

Arrowstar® 8041

Ultra-low-VOC, vegetable-oil-based sheetfed ink

Arrowstar® standard process inks for sheetfed offset

Product Features

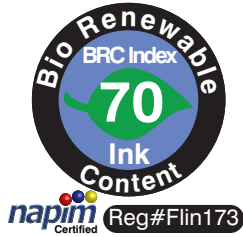
- Environmentally responsible - less than 3% VOCs and free of mineral oils
- Ideal perfecting properties.
- Excellent “through” drying and rub resistance.
- Extremely good press stability, low tack level and minimum dot gain.
- Good setting.
- Arrowstar® 8041 complies with DIN ISO 2846-1 as required for printing to ISO 12647 and achieving Gracol 7 compliance.
- The inks are formulated with high levels of naturally renewable resources.

Advantages of Arrowstar® 8041

- Multipurpose; can run on a variety of substrates
- Very good rub resistance, well-balanced dot gain
- Excellent runability on perfecting presses and high gloss levels. Suitable for straight line presses
- Suitable for coated and uncoated papers and boards. Also suitable for matte-coated papers
- Earth friendly



Arrowstar® 8041

	Fastness properties					Printing properties								
	Light fastness	Alcohol	Solvent mixture	Alkali	Hot-calendering	Dot gain	Gloss	Setting	Oxidative drying	Rub-resistance	Rapid further processing	Suitability for gloss coated papers/board	Suitability for uncoated papers/board	Suitability for matte-coated papers/board
Arrowstar® 8041						6	6	4	5	6	5	7	5	5
Arrowstar® 8041 Yellow	5	+	+	+	+	1 = Characteristic weakly expressed 7 = Characteristic strongly expressed								
Arrowstar® 8041 Magenta	5	+	+	-	+	The assessment of the color 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® 8041 Cyan	8	+	+	+	+									
Arrowstar® 8041 Black, blue-toned	8	-	-	+	+									

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

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

Drying properties

Oxidative drying is fast at normal pressroom temperature and humidity.

Substrates

Ideally suited for coated, uncoated papers and boards. Also suitable for matte-coated papers.

Remarks

The combination of fast oxidative drying and setting as offered by Arrowstar® 8041 ensures rapid and, above all, reliable further processing. Arrowstar® 8041 complies with DIN ISO 2846-1 as required for printing to ISO 12647 and achieving Gracol 7 compliance.

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For more information:

Flint Group
Print Media North America
14909 N. Beck Road
Plymouth, MI 48170
+1 734 781 4600
www.flintgrp.com

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