

SHEETFED

Arrowstar® UV 7310

HIGH ADHESION INKS FOR NON-POROUS SUBSTRATES IN PACKAGING, LABEL AND COMMERCIAL APPLICATIONS

Arrowstar® UV 7310

Arrowstar® UV 7310 ink series utilizes state-of-the-art resin and photoinitiator chemistries to provide the necessary adhesion properties required for printing on non-porous substrates on UV high speed sheetfed presses.

Suitable Applications

- Folding carton - Metalized papers and board, synthetic substrates
- Shrink and in-mold label
- High quality commercial on non-porous substrates
- Recommended for lamination applications

Attributes	Benefits
<ul style="list-style-type: none">• Formulated for optimum adhesion – minimum substrate surface energy of 38 dynes/cm²	<ul style="list-style-type: none">• Suitable for wide range of non-porous substrates such as foils, metalized board & synthetic substrates
<ul style="list-style-type: none">• Excellent dot gain balance in process series	<ul style="list-style-type: none">• High quality, consistent print reproduction
<ul style="list-style-type: none">• Fast cure speed	<ul style="list-style-type: none">• Suitable for direct finishing even at highest speeds
<ul style="list-style-type: none">• Excellent ink/water emulsion characteristics	<ul style="list-style-type: none">• Excellent performance on the most demanding dampening systems
<ul style="list-style-type: none">• Free of Benzophenone, 4 Methyl Benzophenone and ITX	<ul style="list-style-type: none">• Meets many regulatory, brand owner and consumer demands

Availability

- ISO 2846-1 compliant Process series
- Lightfast magenta & yellow
- Full range of base colours
- Pantone® and special match spot colours

Colour Matching

- Arrowstar® UV 7300 blend bases
- Resistant/coatable bases must be used when applying UV or aqueous coating

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	Lightfastness 100% Strength*	Lightfastness 10% Tint*	Alkali**	Alcohol*	Nitro (solvents)**
Black	8	7	2	2	2
Cyan	8	7-8	5	5	5
Magenta	5	4	2	3-4	5
Yellow	5	4-5	5	3-4	5
Lightfast Magenta	7-8	7	5	5	5
Lightfast Yellow	7-8	7-8	4-5	5	5

Colour properties complying with ISO 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)

Blending base series available.

Substrates

Ideally suited for foils, foil-stamped board, synthetic stocks.

Fountain solution

All quality fountain solutions can be used. Suitable for printing with or without alcohol.

Rollers/Blankets

Formulated to exclude materials known to cause swelling or degradation of EPDM and NBR type rollers. EPDM, butyl nitrile or vinyl nitrile rubber types are recommended.

Additives

Formulated for wide range of applications without the need for additives. Consult your local Flint Group representative for available options if needed.

Limitations

A top coating, such as laminate or UV or aqueous coating must be applied.

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® UV 7310, call your nearest Flint Group office or dealer.

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