

Arrowstar® UV 7700 Series**Sheetfed UV Offset
Standard Inks**

Characteristics	<p>Arrowstar UV7700 Series Ink system utilises state of the art resin and photoinitiator chemistries to provide properties targeting UV High Speed Sheetfed and web printing.</p> <p>This ink contains SOY OIL</p> <p><u>This range of ink is ITX and Benzophenone Free</u></p>
Ink setting	UV Curable
Substrates	Coated, Board, Uncoated. For non porous film and synthetic substrates it is advisable that the ink is pre tested on these substrates to ensure correct cure and adhesion specifications.
Printing properties	<ul style="list-style-type: none">• Runnability similar to conventional ink• Low Water Pick Up• Significantly reduced picking on cold start ups• Excellent performance on the most demanding dampening systems• High density black• Low tack – suitable for a wider range of substrates• Low viscosity – Excellent flow in the fountain• Very balanced tack rated set (TVI)• Fast curing speed• Excellent Tack Stability• Low dot gain• Excellent ink / water balance• Roller and blanket compatibility• Benzophenone and ITX Free• No VOC's• Suitable for direct finishing <p>Arrowstar UV Inks can be cleaned with most commercially available wash up solutions ideal for UV inks.</p>
Remarks and special information	BCF Guideline document "Printing inks for use on food wrappers and packages" with reference to "The materials and articles in contact with food regulations" [SI1987:1523 Regulations 6 (7)(b)]

The aim of our technical documents is to inform and advise our customers. However, the transferability of general values known from experience and laboratory results to concrete practical applications depends on a number of factors which are beyond our control. We therefore ask for your understanding that these advice documents cannot be used as the basis for claims in law.

Product names followed by ® are trademarks registered by Flint Group Incorporated.

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Available Process Colours and Mixing System

			Lightfastness*	Alkali**	Alcohol**	Nitro(solvents)**	UV Varnishability
Arrowstar UV7700 Series							
Process Colours							
Arrowstar UV 7700	SF-KUV7700	Black	8	2	2	2	+
Arrowstar UV 7700	SF-CUV7700	Cyan	8	5	5	5	+
Arrowstar UV 7700	SF-MUV7700	Magenta	4-5	2	3-4	5	+
Arrowstar UV 7700	SF-YUV7700	Yellow	5	5	3-4	5	+
Arrowstar UV 7700	SF-KUV7701	Dense Black	8	2	2	2	+
Blending Colours							
Arrowstar UV 7700	SB-77RBUV-AU	Perm Reflex Blue	6-7	5	5	5	+
Arrowstar UV 7700	SB-77PURUV-AU	Purple	3	3-4	2	1	-
Arrowstar UV 7700	SB-77BUV072-AU	072 Blue	3	3-4	2	1	+/-
Arrowstar UV 7700	SB-77RUV032-AU	032 Red	2-3	2	2	3-4	+
Arrowstar UV 7700	SB-77JUV021-AU	021 Orange	2-3	4	2	3-4	+
Arrowstar UV 7700	SB-77RUV08	Warm Red	2-3	4	2	3-4	+
Arrowstar UV 7700	SB-77RUV03	Blending Rubine	4-5	2	3-4	3-4	+
Arrowstar UV 7700	SB-77BUV03	Blending Cyan	8	5	5	5	+
Arrowstar UV 7700	SB-77GUV01	Green	8	5	5	5	+
Arrowstar UV 7700	SF-MUV7701	LF Magenta	7-8	5	5	5	+
Arrowstar UV 7700	SB-77JUV01	Orange (PO34)	4-5	5	3-4	5	+
Arrowstar UV 7700	SB-77KUV01	Untoned Black	8	5	5	5	+
Arrowstar UV 7700	SB-77PUV03	Perm Violet	6-7	5	5	5	+
Arrowstar UV 7700	SB-77RUV05	Rhodamine Red	3	3-4	2	1	-
Arrowstar UV 7700	SB-77BUV02	Blending G/S Reflex Blue	2-3	2	2	2	-
Arrowstar UV 7700	SB-77YUV01	Yellow	5-6	5	5	5	+
Arrowstar UV 7700	SB-TUV7715	LT Trans White	n/a	n/a	n/a	n/a	+
Arrowstar UV 7700	SF-OUV7716	Opaque White	8	5	5	5	+

Australia: Version 5 29 March 2012

+ Suitable

- Not suitable

+/- Limited, test required

(*Blue Wool scale, 1=minimum, 8=maximum)

(**Resistance properties in accordance with the Grey Wool Scale according to ISO 105-A103 or ISO 105-A102 1=poor, 5=very good)

Storage and Handling:

Please store in a COOL and DARK place. Keep at below 20°C. Do not store in direct heat or sunlight. Please refer to MSDS for safety and handling of UV Offset Inks.

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