

Description:	Arrowstar® UV 7700 series utilizes soybean oil along with state-of-the-art resin and photoinitiator chemistries to provide properties targeting high speed sheetfed and web applications.
Process:	UV Offset
Application:	Printing non-food folding carton and label applications where suitable barrier is not present, as well as commercial printing, via sheetfed and web offset presses.
Substrate:	Gloss coated and uncoated paper and paperboard
Key Features:	<ul style="list-style-type: none">• Contains replenishable vegetable oil (soy) “Soy Seal” compliant• Fast curing speed• Excellent press stability• Low dot gain• Suitable for direct finishing and laser printing• Exceptional transfer for reduced picking on wide range of substrates high gloss• Benzophenone, 4 Methyl Benzophenone and ITX free• Suitable for use with fountain solutions with or without alcohol
Limitations:	<ul style="list-style-type: none">• Not suitable for sensitive food packaging applications
Rollers/Blankets:	Arrowstar® UV 7700 inks are formulated to exclude materials known to cause swelling or degradation of EPDM and NBR type rollers. In general, UV curable inks and the special cleaning fluids can cause swelling or shrinking of rubbers. The Arrowstar UV 7700 series minimizes this risk. EPDM, Butyl Nitrile or Vinyl Nitrile rubber types are recommended.
Cleaning Recommendations:	Arrowstar® UV 7700 inks can be cleaned using commonly available UV cleaning solutions. Good industrial hygiene should be practiced with this type of product. Use appropriate protection as specified by the MSDS information. Soap and water should be used immediately if skin contact occurs.
Storage & Handling:	These products contain photochemically active materials and will polymerize upon prolonged exposure to low level of energy sources such as heat and light: <ul style="list-style-type: none">• Products should be stored at room temperature (20°C)• Store away from direct sunlight• Use appropriate personal protection equipment as specified by MSDS• Best if used within 6 months of manufacture date



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.

Colour Range & Fastness Properties:

Product Code	Colour	Lightfastness 100% Strength*	Lightfastness 10% Tint*	Alkali**	Alcohol**	Nitro (solvents)**
Process (Comply with ISO 2846-1)						
SF-KUV7700	PROCESS BLACK	8	7	2	2	2
SF-CUV7700	PROCESS CYAN	8	7-8	5	5	5
SF-MUV7700	PROCESS MAGENTA	5	4	2	3-4	5
SF-YUV7700	PROCESS YELLOW	5	4-5	5	3-4	5
SF-MUV7701	L/F MAGENTA	7-8	7	5	5	5
SF-YUV7703	L/F YELLOW	7-8	7-8	4-5	5	5
Blend Bases						
SB-77YUV01	YELLOW	5	4-5	5	3-4	5
SB-77YUV02	G/S YELLOW	7	6	5	5	4-5
SB-77YUV04	L/F R/S YELLOW	7-8	6-7	3-4	5	5
SB-77JUV01	ORANGE	4-5	4	5	3-4	5
SB-77RUV01	SCARLET	4	4	5	2	4-5
SB-77RUV02	PERM WARM RED	7-8	7	5	3-4	5
SB-77RUV03	RUBINE	5	4	2	3-4	5
SB-77RUV04	MID RED	5	3	2	3-4	5
SB-77RUV05	RHODAMINE	3	3	3-4	2	1
SB-77RUV06	PERM RHODAMINE	6-7	6	5	5	5
SB-77RUV08	WARM RED	2-3	2	2	3-4	4
SB-77RUV15	BRIGHT RED	4	3	3-4	3-4	4
SB-77BUV01	VICTORIA BLUE	4-5	4	3-4	2	1
SB-77BUV02	REFLEX BLUE	2-3	1	2	2	2
SB-77BUV03	BLENDING CYAN	8	7-8	5	5	5
SB-77BUV05	EX STRG PERM REF	6-7	6-7	5	5	5
SB-77GUV01	GREEN	8	7	5	5	5
SB-77PUV01	PURPLE	3	2	2	2	1
SB-77PUV02	VIOLET	4	3-4	2	2	5
SB-77PUV03	PERM VIOLET	6-7	6-7	5	5	5
SB-77KUV01	UNTONED BLACK	8	7	5	5	5
SB-TUV7715	TRANS WHITE	N/A	N/A	N/A	N/A	N/A
SF-OUV7716	OPAQUE WHITE	8	7	5	5	5

(*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)

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.