



ElvaJet® Opal SB

Sublimation ink for Epson



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Product Profile:

ElvaJet Opal SB is a series of water-based sublimation inks designed to give maximum color, print and application performance when fixed onto polyester substrates via a transfer sublimation process.

The ElvaJet Opal SB series is suitable for most printers using Epson DX piezo printheads (e.g. Systems from Mimaki Mutoh, Roland, Epson - the suitability of the inks for individual machines and models needs however to be validated by the user)

Typical characteristics and features include:

- Superior color and release from transfer papers
- Enhanced color uniformity
- Excellent image sharpness
- Certified for Eco-Passport by OEKO-TEX

Ink Installation: Unless ElvaJet Opal SB is the first ink installed into the system, it is recommended to clean the ink line thoroughly using a recommended flush.

Printing: For optimal printing, the relative humidity rate must be kept at 50% or higher and the atmospheric temperature set to 20-25°C (70°F) If the inks dry in the nozzles, the normal cleaning procedure built into the printer should be applied. It is recommended to use Universal Flush WB first followed by Conversion Flush WB should missing nozzles still be seen.

Fixation: To obtain a good color transfer and fixing, the printed substrate should be transferred at 210°C (410°F) for 30s

Fastness:

Substrate: 170 g/m², 100 % Polyester, Printing resolution: 720 dpi, Transfer conditions: 210°C (410°F) for 30 seconds

Product	Light	Water	Washing	Persp.	Persp.	Rubbing	Rubbing	Dry clean.
ElvaJet®		(severe)	(60°C)	(acid)	(alkali)	(dry)	(wet)	
	ISO 105 /B02 100% / 10%	ISO 105 /E01 ch./st.	ISO 105 /C03 ch./st.	ISO 105 /E04 ch./st.	ISO 105 /E04 ch./st.	ISO 105 /X12	ISO 105 /X12	ISO 105 /D01 ch./st.
Opal SB Yellow	6-7 / 5-6	4-5 / 4-5	4-5 / 4-5	4-5 / 4-5	4-5 / 4-5	4	4-5	4 / 5
Opal SB Magenta	6 / 6	4-5 / 4-5	4-5 / 4-5	4-5 / 4-5	4-5 / 4-5	4	4-5	4 / 5
Opal SB Light Magenta	5/4-5	4-5 / 4-5	4-5 / 4-5	4-5 / 4-5	4-5 / 4-5	4	4-5	4 / 5
Opal SB Cyan	5 / 5	4 / 4-5	4 / 4-5	4 / 4-5	4 / 4-5	4	4-5	4 / 5
Opal SB Light Cyan	5/4-5	4 / 4-5	4 / 4-5	4 / 4-5	4 / 4-5	4	4-5	4 / 5
Opal SB Black	6 / 4-5	5 / 5	5 / 5	5 / 5	5 / 5	4-5	4-5	5 / 4-5
Opal SB Light Black	5/4-5	5 / 5	5 / 5	5 / 5	5 / 5	4-5	4-5	5 / 4-5
Opal SB Super Light Black	4-5/4	5 / 5	5 / 5	5 / 5	5 / 5	4-5	4-5	5 / 4-5
Opal SB Fluo Cyan	7/7	5/5	5/5	5/5	5/5	4	4-5	4/5
Opal SB Fluo Red	5	4-5/4-5	4-5/4-5	4-5/4-5	4-5/4-5	4-5	4-5	4/5
Opal SB Fluo Yellow	4	4-5/4-5	4-5	4-5/4-5	4-5/4-5	4-5	4-5	4/5

Available Colors:

Color	Product code	Color	Product code
C	6480POSB.C01P	LK	6780POSB.LC01P
M	6380POSB.C01P	LLK	6780P5SBL.C01P
Y	6180POSB.C01P	FLB	6480POSBF.C01P
K	6780POSB.C01P	FLR	6380POSBF.C01P
LC	6480POSB.LC01P	FLY	6180POSBF.C01P
LM	6380POSB.LC01P	F	Universal Flush WB
F	Parking Flush WB	F	Conversion Flush WB

ElvaJet Opal SB inks are available in a standard pack size of 1kg

Substrates: ElvaJet Opal SB is compatible with a wide range of transfer media including coated, uncoated and tack papers.

Storage Considerations: Inks should be stored in a controlled environment at a temperature between 10-30°C. If stored under these recommended conditions, the inks have a shelf life of 12 (twelve) months

Safety, Health and Environment: ElvaJet Opal SB inks should be used in accordance with normal standards of industrial hygiene and good manufacturing practice. Please refer to the Safety Data Sheet for specific information. Safety Data Sheets will be supplied.

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