



ElvaJet® Opal SC

**Sublimation ink for
industrial printers**



working for you.

Product Profile:

ElvaJet Opal SC 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 SC series is suitable for most printers using Kyocera piezo printheads (e.g. systems from MS Dover, EFI Reggiani, Atexco - 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 SC 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.

Fixation: To obtain a good color transfer and fixing, the printed substrate should be transferred at 210°C (410°F) for 30s (40-45s for fluo colors)

Fastness:

Substrate: 170 g/m², 100 % Polyester, Printing resolution: 600 dpi, Transfer conditions: 210°C (410°F) for 30 seconds (40s for fluo colors)

Product	Light	Water (severe)	Washing (60°C)	Persp. (acid)	Persp. (alkali)	Rubbing (dry)	Rubbing (wet)
ElvaJet®	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
Opal SC Yellow	6+ / 6	4-5 / 4-5	4-5 / 4-5	4-5 / 4-5	4-5 / 4-5	4-5	4-5
Opal SC Vivid Yellow	6+ / 6	4-5 / 4-5	4-5 / 4-5	4-5 / 4-5	4-5 / 4-5	4-5	4-5
Opal SC Magenta	6 / 6	4-5 / 4-5	4-5 / 4-5	4-5 / 4-5	4-5 / 4-5	4-5	4-5
Opal SC Black	6 / 5	4-5 / 4-5	4-5 / 4-5	4-5 / 4-5	4-5 / 4-5	4	4-5
Opal SC Cyan	6 / 6	4-5 / 4-5	4-5 / 4-5	4-5 / 4-5	4 / 4-5	4	4-5
Opal SC Fluo Yellow	4	4-5 / 4	4-5 / 4-5	4 / 4-5	4-5 / 5	4-5	4-5
Opal SC Fluo Red	5	4-5 / 4-5	4-5 / 4-5	4-5 / 4-5	4-5 / 4-5	4-5	4-5
Opal SC Fluo Cyan	7 / 7	5 / 5	5 / 5	5 / 5	5 / 5	4	4-5

Available Inks:

Color	Product code	Color	Product code
C	6480P2SC.BB66	Fl C	6480P0SCF.BB66
M	6380P2SC.BB66	Fl R	6380P0SCF.BB66
Y	6180P2SC.BB66	Fl Y	6180P0SCF.BB66
K	6780P2SC.BB66	F	Universal Flush WB
Y (V)	6180P2SCV.BB66	F	Parking Flush WB

ElvaJet Opal SC inks are available in a standard pack size of 5kg

Substrates: ElvaJet Opal SC is compatible with a wide range of coated and uncoated transfer papers from 22gsm.

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. **ElvaJet Opal SC Red Fluo must be stored below 30°C to ensure stability and shelf life.**

Safety, Health and Environment: ElvaJet Opal SC 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.

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