

SubliNova Sure



SEF Tech. Data_E_150102

SubliNova Sure Technical Data

GENERAL INFORMATION

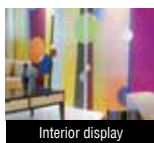
InkTec has been providing high quality dye sublimation inks for many years based on our own dispersed technology. InkTec's dye sublimation inks provide high intensity colours because the particles are spread evenly. To produce InkTec dye sublimation inks, we evaluate the key factors of ink - durability, colour and light fastness - by using hi-tech methods.

ABOUT THE SUBLINOVA

'SubliNova' is the brand name of InkTec's dye sublimation ink. This name is derived from the words 'Sublimation' and 'Innovation'. Nova means 'new star', which reflects our desire to become a new star-player in the worldwide sublimation market. SubliNova is easily recognizable as a sublimation ink whilst also highlighting the innovation that went into producing it.

APPLICATIONS

- Polyester and polyamide fabrics, spandex, lycra, nylon used in sports apparel and outdoor clothing
- Plastic substrates like skis, snowboards, skateboards and surfboards
- Mixed synthetic fabrics(used in sports apparel and outdoor clothing) with a minimum polyester content of 60%



TRANSFER CONDITION

SubliNova transfer time can vary from 30 ~ 60 sec.
at 180°C ~ 210°C depending on the type of substrate.



SUBLINOVA SURE

SubliNova Sure is based on a high black and colour density ink formula to be efficient with low production costs. SubliNova Sure shows optimal printing stability and long lasting head performance and is formulated to be compatible with Epson TFP head. Moreover, it maintains the quality under the high speed option(360X720dpi, 1pass, 58.9m2/h) of Epson SC-F7000.

PRIMARY FEATURES

- Suitable for the plotters equipped with Epson TFP printhead
- Wider colour gamut than original inks
- High colour concentration with vivid colour
- Superior print quality and stability at high speed mode
- Environmentally friendly : Free from formaldehyde, VOCs and compliance with RoHS

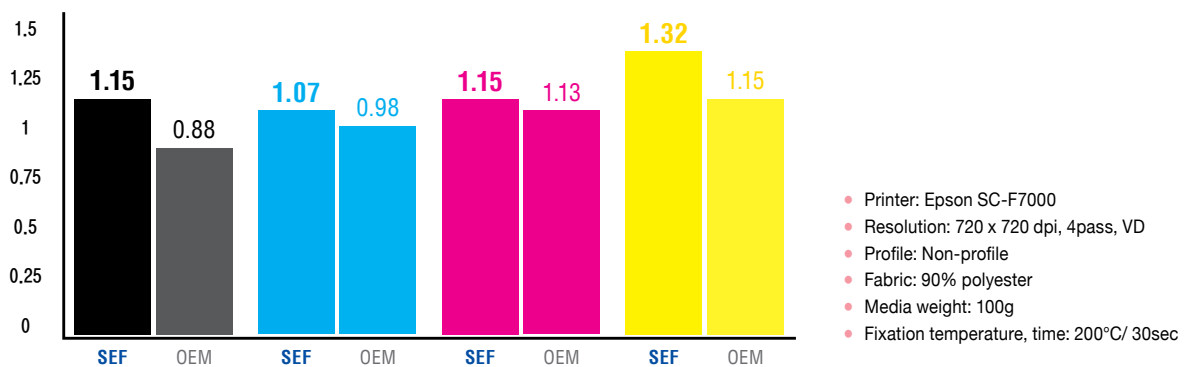
TABLE OF FASTNESS PROPERTIES

Excellent fastness properties are just a few of SubliNova Sure's competitive advantages.

Content Colour	Transfer Condition		Light Fastness	Wash Fastness	Alkali Perspiration Fastness	Crock Fastness
			ISO 105-B02: 1994(160h) Rating 1~7	ISO 105-C06: 2010(40°C) Rating 1~5	ISO 105-E04: 2013 Rating 1~5	ISO 105-X 12: 2001 Rating 1~5
● HD Black	180°C/ 60sec	200°C/ 30sec	5/6	4/5	4/5	4/5
● Cyan	180°C/ 60sec	200°C/ 30sec	4/5	4/5	4/5	4/5
● Magenta	180°C/ 60sec	200°C/ 30sec	6	4/5	4/5	4/5
● Yellow	180°C/ 60sec	200°C/ 30sec	7	4/5	4/5	4/5

BLACK & COLOUR OPTICAL DENSITY

The colour concentration of SubliNova Sure is high with vivid colour and its optical density is much higher than original inks. The higher the figures, the deeper the optical density.



ECO FRIENDLY

SubliNova Sure is an environmentally friendly product using only high-class dyes and its excellent quality has been proved by an international testing agency.



Test results for RoHS

All test results are 'Not detected', as authorised by SGS(<http://www.sgsgroup.kr/en>).

Colour	Content	Cadmium(Cd)	Lead(Pb)	Mercury(Hg)	Hexavalent Chromium(Cr VI)
●	HD Black	N.D.	N.D.	N.D.	N.D.
●	Cyan	N.D.	N.D.	N.D.	N.D.
●	Magenta	N.D.	N.D.	N.D.	N.D.
●	Yellow	N.D.	N.D.	N.D.	N.D.



Test results for formaldehyde & VOCs(Volatile Organic Compounds)

Formaldehyde and VOCs can cause serious health problems.

All test results are 'Not detected', as authorised by SGS(<http://www.sgsgroup.kr/en>).

Colour	Content	Formaldehyde	VOCs
●	HD Black	N.D.	N.D.
●	Cyan	N.D.	N.D.
●	Magenta	N.D.	N.D.
●	Yellow	N.D.	N.D.

PRODUCT OFFERING

Colour	1L Bottle	20L Bottle
● HD Black	SEF-B01LHB	SEF-B20LHB
● Cyan	SEF-B01LC	SEF-B20LC
● Magenta	SEF-B01LM	SEF-B20LM
● Yellow	SEF-B01LY	SEF-B20LY
● Cleaning Solution	SWA-B01L	SWA-B20L

Note: The information contained in this technical data sheet are based on our present experience and knowledge.
In consideration of the various factors which can effect the results achieved in the final application, InkTec doesn't take any responsibility for an improper use of the product by the user which can violate or damage rights of third parties.