

TRANSFER PAPER

Digital

Product description

Date 23.01.2026

DESCRIPTION

Coated paper printed with sublimatic inks on digital printers.

Available in the following versions:

- paper printed with sublimatic inks;
- Paper with full or partial printing of fluorescent sublimation inks (see table in “Quality and R&D” section FLUO series)
- Paper printed with sublimation inks for applications requiring higher light fastnesses (see table in section “Quality and R&D” HS series)

PROPERTIES

- paper weight : 39 gr/mt² - 45 gr/mt²
- reel width : 1620 mm – 1860 mm
- print width : 1600 mm
- cardboard core diameter: 70 mm
- reel diameter : 15 to 20 cm
- reel length : up to 500 mt in standard cardboard boxes

PRINTING

Digital printing with water-based sublimation inks.

APPLICATION SYSTEM

It is possible to apply the product with both flat presses and continuous calenders.
Sublitex standard parameters for application to fabrics are:

	Temperature	Time	Pressure
Flat press	205 [°C] 401 [°F]	25 [sec]	2-3 [bar] 200-300 [KPa]

	Temperature	Time	Speed
Calender	205 [°C] 401 [°F]	25 [sec]	(equation below)



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Equation for calculating calendering speed

Working temperature 401°F and 26 sec

$$\frac{[(\varnothing \text{ mt heated cylinder} \times 3.14) - 0.20(\text{standard twist})]}{\text{dewell time (sec)}} \times 60 = \text{optimal transfer speed (mt/min)}$$

Attention : for fluorescent inks use 40 seconds instead of 25 seconds.





It is recommended to optimize the operating conditions through tests carried out in the actual production parameters, depending on the transfer medium and the nature of the fabric to be ennobled.

Before transferring the paper/film product, the support and the product paper/film must be checked, so that the print transfer process works correctly. The responsibility of the supplier is limited to the first 25 meters of transferred fabric/support.

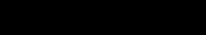







QUALITY AND R&D

Internal quality controls are carried out, particularly through comparative tests of application and evaluation of color shade and ennobled surface through a direct comparison with master (production standard).

FASTNESS VALUES (STANDARD INKS)

INK	COLOR	FASTNESS - EN ISO		
		105B02	105C10	105E04
BLACK		5/6	4/5	4/5
MAGENTA		6/7	4/5	5
CYAN		5/6	4/5	4/5
YELLOW		6/7	4/5	4/5

FLUO SERIES

INK	COLOR	FASTNESS - EN ISO		
		105B02	105C10	105E04
BLACK		5/6	4/5	4/5
MAGENTA		6/7	4/5	5
PINK FLUO		4	4/5	5
BLUE		6	4/5	5
CYAN		5/6	4/5	4/5
TURQUOISE		6	5	5
YELLOW		6/7	4/5	4/5
YELLOW FLUO		4	4/5	5







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HS SERIES				
INK	COLOR	FASTNESS - EN ISO		
		105B02	105C10	105E04
BROWN		6/7	4/5	4/5
MAGENTA		6/7	4/5	5
BLUE		6	4/5	5
YELLOW		6/7	4/5	4/5

FASTNESS - EN ISO	105B02	LIGHT FASTNESS
	105C10	WASHING FASTNESS
	105E04	PERSPIRATION FASTNESS

Tests were carried out on 100% polyester fabric by an external laboratory according to UNI EN ISO regulations.

The actual fastness of the variant depends on several factors:

- temperature and sublimation time;
- amount of ink used;
- type of design;
- type of substrate/fabric todecorated.

The best printing conditions are researched according to each design/variant so as to ensure the highest strength of the finished product.

STORAGE

Keep in a cool and dry environment, protect from heat and direct sunlight.

PRODUCT EXPIRY DATE

6 months under the above conditions (for standard designs and variants).

PACKAGING

Reels wrapped with polyethylene film and boxed with recycled cardboard.

NOTICE AND ADVICE

Handle the printed product with gloves in order not to mark the print. Sublitex is not liable for abnormal applications or failure to follow the operating direction and storage specifications provided.

The above information that currently reflects our "State of the Art" is, however, disclosed by us without obligation. However, future changes and revisions are possible in accordance with technological and business developments. It is destined to the buyer to verify the information given according to their own technological and plant engineering expertise.



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