

CARTA TRANSFER

Product Description ENG

Date 25.07.2009

Rev.2

DESCRIPTION

Pure cellulose transfer paper printed with a rotogravure for various end uses, with very high characteristics in terms of resolution

SUPPORT

- Base weight: 20 g/m²
- Print width: 1860/1620 mm
- Core diameter: 70/75 mm
- Roll diameter: 100 mm to 220 mm
- Roll length: 500/750/1000 m

PRINTING

Rotogravure with sublimatic ethanole-based inks.

APPLICATION SYSTEMS

It's possible to apply the product both with the flat presse and continuous calendering. The standard Miroglio parameters for applying on fabric are:

| | Temperature | Time | Pressure | Speed |
|------------|-------------|----------|-----------|---------------------------|
| Flat press | 205 [°C] | 40 [sec] | 2-3 [bar] | |
| Calandar | 230 [°C] | 40 [sec] | 2-3 [bar] | Max 4 m/min. (Ø 400mm) |

It is recommended to optimize the operating conditions through the testing of parameters in the actual production, depending on the means of transfer and the nature of the fabric to ennoble.

QUALITY AND R&D

Internal quality checks are performed for particular through application of comparative testing, and evaluation of the color result on the ennoble surface with a direct comparison to the master (production standards).

Fastness data refer to transfer performer on 100% polyester fabric (unrated)

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| |  |  |  |  |  |  |
|-------------|---|---|---|---|---|---|
| YELLOW FLUO | B | 4 | 4 4 4 | 5 5 4 | 4-5 5 | 4-5 |
| RED FLUO | C | 5 | 5 5 5 | 4 5 5 | 5 5 | 5 |
| YELLOW | B | 6 | 4-5 5 5 | 5 5 5 | 5 5 | 5 |
| ORANGE | B | 4-5 | 5 5 5 | 5 4-5 5 | 5 4-5 | 5 |
| FUCSIA* | C | 6 | 5 5 5 | 5 5 5 | 5 4-5 | 5 |
| RED | C | 6 | 5 5 5 | 5 5 5 | 5 4-5 | 5 |
| BLUE AS | C | 7 | 5 5 5 | 5 5 5 | 5 5 | 5 |
| BLUE | B | 5 | 5 5 4-5 | 5 5 4-5 | 5 5 | 5 |
| VIOLET BLUE | B/C | 6 | 5 5 4-5 | 5 5 4-5 | 5 5 | 5 |
| BLACK | B/C | 5-6 | 5 5 4-5 | 5 5 4-5 | 5 4-5 | 5 |

LEGENDA

-  TRANSFER CLASS : A RAPID RATE OF
B AVERAGE RATE OF
C SLOW RATE OF
-  LIGHT FASTNESS [UNI EN ISO ISO 105-B02-1994] (MAX = 8)
-  ISO 3 WASH TEST/SCHANGE OF SHADE *
ISO ALKALINE PERSPIRATION: STAINING OF POLYESTER*
STAINING OF POLYAMIDE*
-  RUBBING: DRY / WET*
-  CHLORINATION: CHENGE OF SHADE*

*[UNI EN ISO 105-A02-1994] (MAX = 5)

*Only for interior decoration, not for clothing.

The effective solidity value, for any design/colourway depend on the following:

- quantity of ink/colour used for that design/engraving
- dilution in varnish (strength of colour)
- type of fabric
- transfer condition

The best printing conditions must be evaluated based on the the final application of the product in order to assure the longest "service life" of the end product .

TOXICITY AND SAFETY

All raw materials used for the production of transfer paper, meet the guidelines and limits set by:

- CEE RoHS directive (legislation concerning the maximum limits of heavy metals and carcinogenic aromatics).

STORAGE

Keep the product in a dry place away from sources of heat and store in original cardboard boxes.

PRODUCT EXPIRY DATE

6 months in the above-mentioned conditions for standard designs and colorway.

3 months in the above-mentioned conditions for non standard designs and colorway

PACKAGING

Heat sealed nylon bags and cardboard boxes.

NOTICE AND ADVICE

Handle the printed product with gloves so as not to mark the print Sublitex is not responsible for irregular applications that have not followed the operational specifications of storage provided.

State of Art

The above information, reflect our current "State of the Art", and are disclosed by us without commitment, however possible future changes and revisions according to the evolving technology and business are possible. We invite the buyer to the verification of the information given on the basis of its technology and engineering.

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