

Decotrans® *Art* Digital

Technical Data Sheet

Date 07.05.2021

PRODUCT DESCRIPTION

Transparent PET film printed with ink-jet technology intended for the decoration of leather, eco-leather and synthetic substrates (e.g. PVC).

PRODUCT SPECIFICATIONS

Nominal Thickness of PET film: 19 µm

Nominal Weight of PET film: 24-29 g/m²

Printing Height: up to 1600 mm

Cardboard core Diameter: 70 mm

Coil Diameter: up to 180 mm in standard cardboard package

Coil Length: up to 250 mt in standard cardboard package

PRINT

Digital Ink-jet print on pre-treated Transparent PET film. All components are water based.

TRANSFER PROCESS

The product can be applied with a calender machine.

The parameters standardized by Sublitex in the Quality Control and Printing Check processes are reported in the table below:

Calender Parameters		
Temperature (°C)	Speed (m/min)	Pressure (bar)
130 - 140	3 - 5	20 - 30

It is advisable to check and confirm the operational parameters through experimental trials performed in the final production conditions at the customer's plant, according to the specific transfer machine and the final substrate involved.



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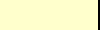









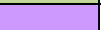

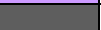

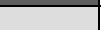
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QUALITY CONTROL

Every batch is checked according to the internal procedure to assure the compliance with the production reference, in particular with comparative tests regarding printing quality and transfer efficiency.

LIGHT FASTNESS OF PIGMENTS				
Inks	Print Covering		Light fastness*	
	100%	10%	ISO 105/B02 100%/10%	
Yellow			7-8	6
Magenta			7-8	6-7
Red			7	6-7
Cyan			7	6-7
Green			7	6-7
Violet			8	7-8
Black			8	7-8
Grey			8	7-8

*BLUE WOOL REFERENCE SET (MAX VALUE 8) ON PURE PIGMENTS

The actual light fastness of the final product is dependent on multiple factors, such as:

- Ink amount;
- Ink dilution;
- Finishing and subsequent processes.

The best printing condition are adjusted according to every design and colour in order to reach the best possible fastness in the finished product.

STORAGE CONDITIONS

Keep the product in a dry environment away from heating sources

SHELF LIFE

Six months in the above mentioned conditions.

PACKAGING

The product is delivered in cardboard boxes.

The information given above are disclosed by Sublitex without any obligations, and are believed to be accurate according to our knowledge.

Sublitex reserves the right of considering any future review or modification, according to the technological evolution and manufacturing requirement.

Customer is advised to verify the given information, according to its own knowledge and production conditions.

Sublitex declines any responsibility for applications that have not followed the mentioned indications regarding the transfer process and storage, as well as for any finishing, post-treatment or subsequent process following the transfer phase.



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