



45 gr



winner



decal sublimation paper 45 winner

45 gr coated paper, with treatment for sublimation printing and transfer by calender or press.
Offers good performance, fast drying speed, high transfer rate and brilliant color after transfer.
Used for sublimation printing.

SUBSTRATE

- Coated Paper

Finish	White Matte	
	<i>Value</i>	<i>Standard</i>
Weight (g/m ²)	45	-
Thickness (μm)	60	GB/T451
Permeability (μm/Pa.s)	0.43	QB/T1667
Cobb 20 (g/m ²)	19.6	GB/T450
Whiteness (%)	83.81	GB/T451

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DURABILITY

- Shelf Life: 12 months from the date of manufacture, applicable only to material that has not been processed, and stored according to the following conditions:
 - This material must be stored at a temperature of $20^{\circ}\text{C} \pm 5^{\circ}\text{C}$ and $50\% \pm 5\%$ relative humidity, without major climate deviations.
 - The storage area must be dry and clean.
 - Keep the material in the original package when not in use, in order to protect it from dust and contamination.
 - Do not expose to direct sunlight or heat sources.
 - The product must be stored vertically, so that its quality is not compromised.
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PRINTING METHODS

- Product for sublimation printing.
 - High ink loads impair drying and introduce curl into the paper.
 - There is a risk of loss of orthogonality of the drawing when the ink limit is exceeded, which must always be evaluated by the user.
 - The paper absorbs the water from the ink. The winding can be affected.
 - The user must evaluate the volume of ink that passes to the back of the paper, which in turn dirty the cylinder of the calender or press.
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APPLICATION

- Sublimation paper must be dry before being transferred to the calender or the press. We recommend drying for 24 hours in an environment equivalent to that of the printers.
 - A paper full of moisture will deform during sublimation, causing defects.
 - If the paper is used to sublimate pieces there is a strong risk of dirtying unprinted areas.
 - Calenders and presses must be balanced.
 - The application site must be clean, free of dust or condensates in the air. There must be extraction of sublimation vapors. Smoke transports oil and dirt. Avoid defects by keeping the workplace clean and tidy.
 - There may be other factors not described that may influence the performance in the use.
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IMPORTANT REMARKS

- Decal is not responsible for the ease or speed of removal of the applied material. It is necessary to have into account the appropriate air and substrate temperatures.
- The user must determine the material's compatibility with the intended specific application, before using it.
- The data provided in this information is based on our knowledge and experience. It is intended to be a source of information and is not a guarantee. It can be subject to change without previous notice.
- Decal is not responsible for misuse or improper storage, never being responsible for loss or damage to third parties.
- Decal is not responsible for removing the paper for later recycling or product end-of-life cycle.

Revision date of the technical data sheet: 24/10/24
Approved by: SC

Please, check our website www.decal-adhesive.com for additional information or request any clarification needed from our technicians.