

KDX RGEN THERMAL FILM



■ PRODUCT DESCRIPTION

KDX RGen thermal film is a product specifically designed with a PCR PET base film, aiming to help customers achieve a balance between eco-friendliness and production efficiency. It is a BOPET-based product with high printability. The product is non-toxic, environmentally friendly, with a low level of static, consistent corona treatment, and excellent resistance to tear and elongation. This film is commonly applied to the surface of printed paper or cardboard, providing options for a glossy or matte finish. The film is compatible with UV spot varnishing, foil stamping, as well as screen printing.

■ FEATURES

- 30% PCR PET base film
- Boasting exceptional appearance and high transparency
- Excellent printability
- Excellent resistance to tear & elongation

■ TYPICAL PERFORMANCE

PROPERTIES	TYPICAL VALUE	TEST METHOD
Thickness, mic	30	GB/T6672
Yield, m ² /kg	31.7	
Wetting Tension, mN/m		
BOPET surface:	≥42	GB/T14216
Adhesive surface:	≥42	
Gloss (45°), %	≥70	GB/T8807
Haze, %	≤10	ASTM D1003
Heat Shrinkage, %		Q/CPKDX0001
MD	≤2.0	
TD	≤1.0	
Coefficient of Friction		ASTM D1894
Outside / Outside	≤0.5	

■ APPLICATION TECHNOLOGY

Laminating equipment: thermal laminating machine

Laminating Temperature: 90-120℃

Laminating Pressure: 8-18MPa

Laminating Speed: 10-70m/min

Adjust the processing parameter according to the production job requirement.

■ STORAGE AND HANDLING

- Keep upright in a clean, dry and ventilated warehouse (T=5-30℃, H=0-60%); avoid storage in direct sunlight or near sources of heat less than 2m.
- In order to avoid damage to the film surface or end surface, avoid collision during product transportation, loading and unloading process.
- When using a thermal laminating film in winter, it should be placed in the production room in advance so that the temperature of the film is higher.

■ SHELF LIFE

12 months.

The Values given in the technical data sheet represent typical values based on the best of our knowledge as on date when the data was compiled. It is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability / compatibility in all respects. KDX gives no warranty or accept liability for any loss and fitness of the product for any specific purpose. KDX reserves the right to change the technical data sheet at any time for enhancing the quality of the products without prior information regarding use and we disclaim liability for any loss or damage that may occur from the use of this information.



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