



**ALLSTICK ANTI-CURL  
GLOSS 30MIC  
NYLON THERMAL FILM**

[www.kangdexin.com](http://www.kangdexin.com)

**KDX**

## II PRODUCT DESCRIPTION

This is a BOPA gloss film with excellent transparency and anti-curling properties. The adhesive is designed especially for improving the bonding with the digital printing paper. Compared to the ordinary BOPA thermal laminating film, peel strength greatly improved, and have a better grasping ink effect.

## II FEATURES

- Excellent transparency
- Anti-curling
- Excellent resistance to tear & elongation
- Excellent bonding with the digital printing paper.
- Good grasping ink effect.

## II TECHNICAL DATA

PROPERTIES		TEST METHOD
Thickness, $\mu\text{m}$	30	GB/T6672
BOPA Thickness, $\mu\text{m}$	12	GB/T6672
Adhesive thickness, $\mu\text{m}$	18	GB/T6672
Yield, $\text{m}^2/\text{kg}$	34.9	
Wetting Tension, $\text{mN}/\text{m}$		
BOPA surface:	$\geq 36$	GB/T14216
Adhesive surface:	$\geq 40$	
Gloss ( $45^\circ$ ), %	$\geq 50$	GB/T8807
Haze, %	$\leq 10$	ASTM D1003
Heat Shrinkage, %		
MD	$\leq 2.0$	Q/CPKDX0001
TD	$\leq 1.0$	
Coefficient of Friction		
Outside / Outside	$\leq 0.5$	ASTM D1894

## II APPLICATION TECHNOLOGY

Adjust the processing parameter according to the production job requirement.

Laminating Equipment : thermal laminating machine

Temperature : 95-120 $^\circ\text{C}$

Pressure : 8-18MPa

Speed : 10-70m/min

## II STORAGE AND HANDLING

- Keep upright in a clean, dry and ventilated warehouse; 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 used the thermal laminating film in winter, should put the film and laminating substrate in the operating room, balance the temperature higher than 18 $^\circ\text{C}$  and then processed.
- Use up at one time after open the package, the rest thermal laminating film should be sealed with moisture proof packaging materials.

## II SHELF LIFE

12 months.

For further information and details, please contact your local KDX organization.

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