

# ALLSTICK SILKY BOPP THERMAL LAMINATING FILM



## II PRODUCT DESCRIPTION

This is a BOPP Matte film which is specially coated with a soft tactile coating which makes it feel like velvet or silk. That with its uniformed color gives your print a graceful and elegant effect while preserving image color. The matte finish creates a luxurious appearance to attract the buyers' attention and increase the perceived value of the product. The product has excellent resistance to tear & elongation, primarily used in the printing industry. The film accepts UV spot varnishing, foil stamping as well as screen printing. The adhesive is designed especially for improving the bonding with the digital printing paper. Compared to the ordinary BOPP thermal laminating film, peel strength greatly improved, and have a better grasping ink effect.

## II FEATURES AND BENEFITS

- Matte, Silky feel;
- Patent adhesive layer, lower melting temperature;
- Accept UV spot varnishing and foil stamping;
- Can start laminate 1h after printing;
- Higher peel strength with the ink;

## II TYPICAL PROPERTIES

ITEM	TYPICAL VALUE	TEST METHODS
Thickness, $\mu\text{m}$	39	GB/T6672
Yield, $\text{m}^2/\text{kg}$	27.5	--
Wetting Tension, $\text{mN/m}$		
Silky surface	$\geq 36$	GB/T 14216
Adhesive surface	$\geq 42$	
Gloss(45°), %	$\leq 5$	GB/T8807
Haze, %	$\geq 80$	ASTM D1003
Heat shrinkage (30s@ 120 C), %		
MD	$\leq 3.0$	Q/CPKDX0001
TD	$\leq 1.5$	
Coefficient of Friction Outside / Outside	$\leq 1$	ASTM D1894

## II APPLICATION

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This product is designed to work with digital output including FUJI XEROX, HP, CANON, and KONICA MINOLTA Digital Press.

## II STORAGE AND HANDLING

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1. Keep upright in a clean, dry and ventilated warehouse (T=5-30 C , H=0-60%); avoid storage in direct sunlight or near sources of heat less than 2m.
2. In order to avoid damage to the film surface or end surface, avoid collision during product transportation, loading and unloading process.
3. 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

## II APPLICATION TECHNOLOGY

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Laminating equipment: thermal laminating machine

Temperature: 95-120 °C

Pressure: 8-18MPa

Speed: ≤20m/min

Laminating Tips: Ink drying time can affect bonds. Please allow at least 1 hours of drying time prior to laminating. Otherwise, it may cause bonding failure.

Adjust the processing parameter according to the production job requirement.

## II SHELF LIFE

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6 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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