

# ALLSTICK SILKY BOPP THERMAL FILM

## ■ 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. This gentle soft feel still provides a superior scratch-resistant finish. 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.

## ■ FEATURES

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

## ■ TECHNICAL DATA

Properties	Value	Test Method
Thickness, $\mu\text{m}$	39	GB/T6672
BOPP Film Thickness, $\mu\text{m}$	19	GB/T6672
Adhesive thickness, $\mu\text{m}$	20	GB/T6672
Yield, $\text{m}^2/\text{kg}$	28.2	
Wetting Tension, $\text{mN/m}$		
Silky surface	$\geq 36$	GB/T14216
Adhesive surface	$\geq 42$	
Gloss ( $45^\circ$ ), %	$\leq 5$	GB/T8807
Haze, %	$\geq 80$	ASTM D1003

## ■ APPLICATION TECHNOLOGY

Adjust the processing parameter according to the production job requirement.

Laminating equipment: thermal laminating machine

Laminating Temperature: 95-130°C    Laminating Pressure: 8-18MPa    Laminating Speed:  $\leq 20\text{m/min}$

## ■ 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°C and then processed.

## ■ SHELF LIFE

8 months.

## ■ LAMINATING TIPS

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

For further information and details,  
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