

ALLSTICK ANTI-SCUFF AT MATT BOPP FILM



PRODUCT DESCRIPTION

It is an anti-scuff BOPP based product with an excellent matte finish that minimizes glare while preserving image color. The matte finish creates a luxurious appearance to attract the buyers' attention and increase 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.

APPLICATION

1. Books cover such as: Paper backs, hard bound books, magazines, flyers, paper bags, map, promotional materials, etc.
2. Various types of packaging materials such as: Flute boxes, cosmetic boxes, pharmaceutical, gift boxes etc.
3. Advertising such as: POS, boards, documents, photo albums etc.

TYPICAL PROPERTIES

ITEM	TYPICAL VALUE	TEST METHODS
Thickness, μm	35	GB/T6672
Yield, m^2/kg	34.8	--
Wetting Tension, mN/m		
Outside	≥ 38	GB/T14216
Adhesive surface	≥ 38	
Anti-scuff	no scratches left after friction, with 0000# steel wool, 50 times under 200g load	KDF-10-105
Gloss (60°), GU After laminated with black paper to test	4.0 ± 0.5 (or Specifies glossiness)	GB/T8807
Heat shrinkage, %		
MD	≤ 2.0	Q/CPKDX0001 (30s@ 120 C)
TD	≤ 1.0	
Coefficient of Friction Outside / Outside	≤ 0.4	ASTM D1894
Haze, %	75-85	ASTM D1003

FEATURES AND BENEFITS

1. Excellent matte finish, fine and uniform;
2. Perfect scratch resistance performance;
3. Accept UV spot varnishing and foil stamping;
4. Good resistance to tearing and stretching;
5. Can start laminate 1h after printing;
6. Patent adhesive layer, lower melting temperature;
7. Higher peel strength with the ink;

STORAGE AND HANDLING

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 wet laminating film in winter, it should be placed in the production room in advance so that the temperature of the film is higher than 18 °C before use.

APPLICATION TECHNOLOGY

Laminating equipment: thermal laminating machine

Laminating Temperature: 95-120 °C

Laminating Pressure: 8-18MPa

Laminating Speed: ≤20m/min

Adjust the processing parameter according to the production job requirement.

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.

SHELF LIFE

8 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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