

PREMIUM ANTI-SCUFF AT MATTE BOPP THERMAL FILM



■ PRODUCT DESCRIPTION

The Anti-scuff AT Matte BOPP thermal film (Biaxial Oriented Polypropylene) is a super anti scuff BOPP based product with an excellent matte surface and a hot melt adhesive layer by extrusion coating, both sides are corona treatment. 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.

■ FEATURES

- Superior scratch-resistant matte finish
- Excellent matte finish look
- Different gloss levels can be choose(3-10GU with 60° gloss meter)
- Excellent resistance to tear & elongation
- Accepts UV spot varnishing, foil stamping

■ TECHNICAL DATA

PROPERTY	PROPERTY	TEST METHOD
Thickness,mil	1.4	GB/T6672
Yield, m ² /kg	37.0	GB/T6672
Wetting Tension, mN/m		
Outside	≥38	GB/T14216
Adhesive surface	≥40	
Anti-scuff ¹ , N	no scratches left after friction, with 0000# steel wool, 50 times under 200g load	KDF-10-105
Gloss (60°), % After laminated with black paper to test	4.0±0.5 (or Specifies glossiness)	GB/T8807
Haze, %	75-85	ASTM D1003
Coefficient of Friction Outside / Outside	≤0.4	ASTM D1894
Heat Shrinkage(30s@ 120℃), %		
MD	≤2	Q/CPKDX0001
TD	≤1	

■ APPLICATION

- Book cover: hard bound books, magazines, flyers, paper bags, map, promotional materials, etc.
- Packaging: flute boxes, cosmetic boxes, pharmaceutical boxes, gift boxes, etc.
- Advertising: documents, photo albums, etc.

KDX CHINA

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APPLICATION TECHNOLOGY

Adjust the processing parameter according to the production job requirement.

Laminating Temperature : 95-120 °C

Laminating Pressure : 8-18mpa

Laminating Speed : 10-50m/min

STORAGE AND HANDLING

- Keep upright in a clean, dry and ventilated warehouse (T=5-30 °C, H=20-60%); 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 than 18 °C and then processed.

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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