

# ANTI-SCUFF BOPP MATTE THERMAL LAMINATING FILM

AVAILABLE: 31 MIC



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

**KDX**

## II PRODUCT DESCRIPTION

It is an anti-scuff BOPP based product with an excellent matte finish that minimizes glare while preserving image color. This unique film is four times more durable than an uncoated matte polypropylene. 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.

## II FEATURES AND BENEFITS

1. Environmental safety: This product is non-toxic, tasteless, non-benzene. Do not produce any gases or dangerous substances during the lamination process, without the use of solvents, without generating toxic gases or other volatile substances which could be harmful.
2. Excellent performance: strong adhesive bond strength, good offset spray coverage. Good initial green tack allows post finishing activities to take place after lamination based upon drying time of the inks.
3. High efficiency energy-saving: Constant adhesive layer enable a quick turnaround of the job, quicker set up time, lower energy consumption, less waste and ease of process.

## II TECHNICAL DATA

PROPERTIES	TYPICAL VALUES	TEST METHOD
Thickness, $\mu\text{m}$	31	GB/T6672
Yield, $\text{m}^2/\text{kg}$	40.6	GB/T6672
Wetting Tension, $\text{mN/m}$		
Outside	$\geq 38$	GB/T14216
Adhesive surface	$\geq 38$	
Anti-scuff, N	$\geq 0.3$	
Gloss ( $60^\circ$ ), % Laminated with black paper	5.0-6.0	GB/T8807
Haze, %	$70 \pm 3$	ASTM D1003
Coefficient of Friction		
Outside / Outside	$\leq 0.4$	ASTM D1894
Heat Shrinkage, %		
MD	$\leq 2$	Q/CPKDX0001
TD	$\leq 1$	(30s @120 °C)

## II APPLICATION

1. Books cover such as: 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.

## II APPLICATION TECHNOLOGY

Adjust the processing parameter according to the production job requirement.

Laminating Equipment : thermal laminating machine

Temperature : 95-120 °C

Pressure : 8-18MPa

Speed : 10-50m/min

## II SHELF LIFE

6 months.

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

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