

# ANTI-SCUFF BOPP MATTE THERMAL LAMINATING FILM



## ■ 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.

## ■ PRODUCT STRUCTURE

Surface Layer: BOPP Film

Inner Layer: EVA Hot Melt Adhesive.

## ■ APPLICATION TECHNOLOGY

Laminating equipment: thermal laminating machine

Laminating Temperature: 95-120 °C

Laminating Pressure: 8-18MPa

Laminating Speed: 10-50m/min

Adjust the processing parameter according to the production job requirement.

## ■ 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.

## ■ SHELF LIFE

12 months.

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

### KDX CHINA

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The KDX logo is displayed in a stylized, italicized font with a double-stroke effect, set against a background image of a person snowboarding down a mountain slope.

## TYPICAL PROPERTIES

PROPERTIES		VALUE	TEST METHOD
Thickness, $\mu\text{m}$		28	DIN EN ISO 534
BOPP thickness, $\mu\text{m}$		16	DIN EN ISO 534
Elongation (%)	MD	$\leq 110\%$	ASTM D882
	TD	$\leq 200\%$	
Tensile Strength (MPa)	MD	$\geq 110\text{MPa}$	ASTM D882
	TD	$\geq 50\text{MPa}$	
Yield, $\text{m}^2/\text{kg}$		43.6	DIN 53375
Adhesive thickness, $\mu\text{m}$		12	DIN EN ISO 534
Wetting Tension Outside Adhesive surface		$\geq 44\text{mN/m}$ $\geq 40\text{mN/m}$	DIN 55660-2
Anti-scuff, N		$\geq 0.1$	Q-TD-RD-018
Gloss ( $60^\circ$ ), %		$\leq 8$	ASTM D2457
Haze, %		$\geq 90$	ASTM D1003

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