

35MIC NYLON THERMAL FILM



**PREMIUM ANTI-CURL  
ANTI-SCUFF MATTE**

[Available:35mic](#)

[www.kangdixin.com.cn](http://www.kangdixin.com.cn)

**KDX**

## II PRODUCT DESCRIPTION

This product is an Anti-scuff Biaxially Oriented Nylon with an excellent matte surface and a hot melt adhesive layer by extrusion coating.

## II FEATURES

- Superior scratch-resistant finish
- Excellent matte finish look
- Excellent resistance to tear & elongation
- Accepts UV spot varnishing, foil stamping

## II TECHNICAL DATA

PROPERTIES	TYPICAL VALUE	TEST METHOD
Thickness, $\mu\text{m}$	35	GB/T6672
Yield, $\text{m}^2/\text{kg}$	30	GB/T6672
Wetting Tension, $\text{mN/m}$		
BOPA surface:	$\geq 38$	GB/T14216
Adhesive surface:	$\geq 40$	
Gloss ( $60^\circ$ ), %	$3.5\pm 0.5$	GB/T8807
After laminated with black paper to test		
Haze, %	75-85	ASTM D1003
Coefficient of Friction	$\leq 0.5$	ASTM D1894
Outside / Outside		
Anti-scuff	no scratches left after friction, with 0000# steel wool, 50 times under 200g load	KDF-10-105

## II APPLICATION TECHNOLOGY

Adjust the processing parameter according to the production job requirement.

Laminating Equipment : thermal laminating machine

Temperature : 95-120 $^\circ\text{C}$       Pressure : 8-18MPa      Speed : 10-50m/min

## II STORAGE AND HANDLING

- Keep upright in a clean, dry and ventilated warehouse ( $T=5-30^\circ\text{C}$ ,  $H=20-60\%$ ); 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

## II SHELF LIFE

12 months.

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

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