

MATTE ECO THERMAL FILM



■ PRODUCT DESCRIPTION

The KDX Eco Thermal film is composed of cellulose diacetate film and EVA. Cellulose, the primary raw material used in the Eco Thermal film is derived from wood, which is a naturally renewable resource. The Eco Thermal Film is usually laminated to the surface of printed paper or board. Despite its inherent biodegradability, the Eco Thermal Film is very stable and does not break down in normal end-use conditions. The EVA adhesive layer is not biodegradable and compostable.

■ FEATURES

- adds an elegantly deep effect
- consistent corona treatment
- easily foil-blocked, glued and printed without pre-treatment.
- low level of static
- excellent resistance to tear & elongation

■ TECHNICAL DATA

Properties	Value	Test Method
Thickness, μm	35	GB/T6672
Yield, m^2/kg	26.1	
Wetting Tension, mN/m		
Degradable Film surface	≥ 40	GB/T14216
Adhesive surface	≥ 40	
Gloss (45°), %	≤ 10	GB/T8807
Haze, %	≥ 70	ASTM D1003
Heat Shrinkage, %		
MD	≤ 2.0	Q/CPKDX0001
TD	≤ 1.0	
Coefficient of Friction		
Outside / Outside	≤ 0.5	ASTM D1894

■ APPLICATION TECHNOLOGY

Adjust the processing parameter according to the production job requirement.

Laminating equipment: thermal laminating machine

Laminating Temperature: 95-105°C Laminating Pressure: 8-18MPa Laminating Speed: 10-70m/min

■ 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

■ SHELF LIFE

12 months.

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

KDX CHINA
No.26, Zhenxing Road,
Changping Dist, Beijing,
CHINA 102200
sales@kdxfilm.com
www.kangdexin.com

KDX EUROPE
Klarenanstelerweg 6
6468 EP Kerkrade
The Netherlands
info@kdx europe.com
www.kdx europe.com

KDX AMERICA
8880 Mistletoe Dr. Easton, MD 21601
sales@kdx america.com
www.kdx america.com