

LK360BR21 Magnetic Stripe

General Characteristics:

Description: Lo-co (360Oe) Brown Hot Stamping magnetic stripe for application on Bankbook

Color: Brown

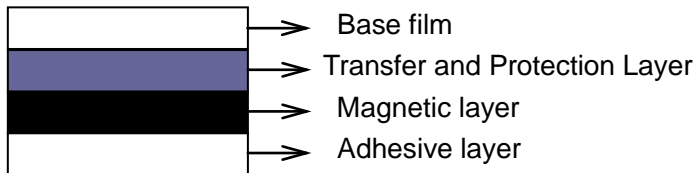
Base film material: Polyester

Magnetic material: Ferrite Oxide

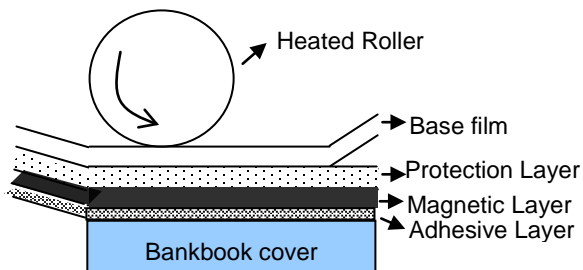
Available Width: 8.4mm; 12.7mm, etc.

Available Length: 1000m; 1830m, etc.

Film-Coating Composite:



Magnetic stripe laying process:



Process Method:

At first magnetic stripe has been stamped (rolling pressing) onto PS or Paper sheet by tape layer machine. As the PET base film is transferred, the magnetic layer should be a break at the PS or paper edge.

Recommended Process Condition:

Roller temperature: (140~160)°C

Roller speed: (6-10) meters/minute

The processing conditions are for reference only. Customers can adjust the parameters according to their individual conditions.

Application Characteristic:

The products have the features of good temperature resistance, good anticorrosibility and long durability, are

widely used in PS and Paper magnetic cards based on which telecom card, transaction cards, attendance cards and dining card.

Thickness Characteristics:

Base film Thickness: (18±1)μm

Total Thickness: (36~39)μm

Magnetic Characteristics:

Coercivity Hc: (28.7± 10%)kA/m; (360± 10%)Oe

Squareness K: ≥0.8

Signal Amplitude Characteristics:

According to ISO/IEC 7811-2/10373-2

Signal amplitude U_{A1} : 0.8~1.3 U_R

Signal amplitude U_{i1} : ≤1.36 U_R

Signal amplitude U_{A2} : ≥0.8 U_R

Signal amplitude U_{i2} : ≥0.65 U_{A2}

Resolution U_{A3} : ≥0.7 U_{A2}

Erase U_{A4} : ≤0.03 U_R

Extra pulse U_{i4} : ≤0.05 U_R

Wear Resistance Characteristics:

According to ISO/IEC 7811-2/10373-2

Average signal amplitude: $U_{A \text{ after}}$ ≥0.60 $U_{A \text{ before}}$

Individual signal amplitude: $U_{i \text{ after}}$ ≥0.80 $U_{A \text{ after}}$

Durability: ≥2000 times

Chemical Resistance Characteristics:

According to ISO/IEC 7811-2/10373-1

Average signal amplitude: $U_{A \text{ after}}$ ≥0.90 $U_{A \text{ before}}$

Individual signal amplitude: $U_{i \text{ after}}$ ≥0.90 $U_{A \text{ after}}$

Storage Conditions:

The allowed storage period for the reel is 1 year at temperature (15~30)°C, humidity (30%~60%)RH, heavy pressing strictly prohibited.

Not more than 6 boxes pile up, far away from the magnetic field.

Handle with care, avoid fierce vibration, and keep off sun and rain, far away from magnetic field in the transportations.