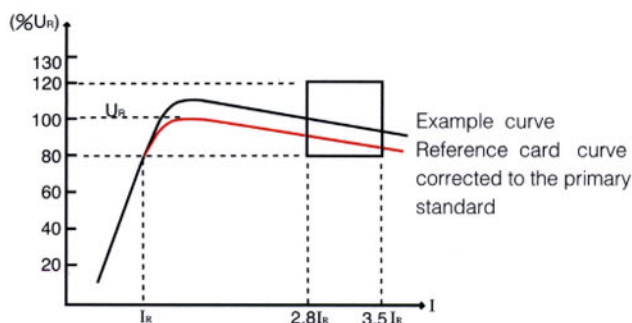


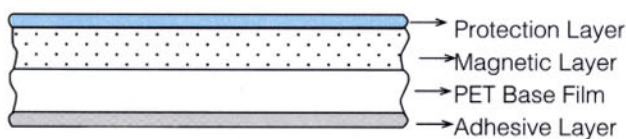
Magnetic Information Sheet

LK2750TV1 Magnetic Stripe

Saturation Curve



Film-Coating Composite



Recommended Process Condition:

Laminate Temperature: (120 ~ 140)°C

Pressure: (10 ~ 15)Mpa

Duration Time: (20~25)minute

The processing conditions are for the reference only. Their parameters should be adjusted base on spot conditions.

Use and characteristic:

The products, which have the features of good temperature resistance, good anticorrosibility and long durability, are widely used in PVC magnetic cards based on which telecom cards, transaction cards, attendance cards and dining cards. The products are suitable for laminating techniques.

General Characteristics

Base film material: Polyester

Magnetic layer material: Barium Ferrite

Color: Black

Thickness Characteristics

Base film thickness: (12 ± 1) μm

Total thickness: (26~29) μm

Magnetic Characteristics

Coercivity Hc: 219kA/m (2750 Oe)

Retentivity Br: (1.4 ± 0.14) 10⁻⁶ Wb/m

Squareness K: ≥0.8

Signal Amplitude Characteristics

According to ISO/IEC 7811-6/10373-2

Signal amplitude U_{A1}: (0.8 ~ 1.2) U_R

Signal amplitude U_{i1}: ≤ 1.26 U_R

Signal amplitude U_{A2}: ≥ U_{A1} ≥ U_{A2} ≥ 0.8 U_R

Signal amplitude U_{i2}: ≥ 0.65 U_R

Resolution U_{A3}: ≥ 0.7 U_{A2}

Erasure U_{A4}: ≤ 0.03 U_R

Extra pulse U_{i4}: ≤ 0.05 U_R

Wear Resistance Characteristics

According to ISO/IEC 7811-6/10373-2

After 2000 wear cycles

Average signal amplitude: U_A after ≥ 0.60 U_A before

Individual signal amplitude: U_i after ≥ 0.80 U_A after

Chemical Resistance Characteristics

According to ISO/IEC 7811-6/10373-1

Average signal amplitude: U_A after ≥ 0.90 U_A before

Individual signal amplitude: U_i after ≥ 0.90 U_A after

Storage Conditions:

The allowed storage period for the reel is 1 years at Temperature (10~30)°C, Humidity 40%~60%RH, Heavy pressing strictly prohibited.

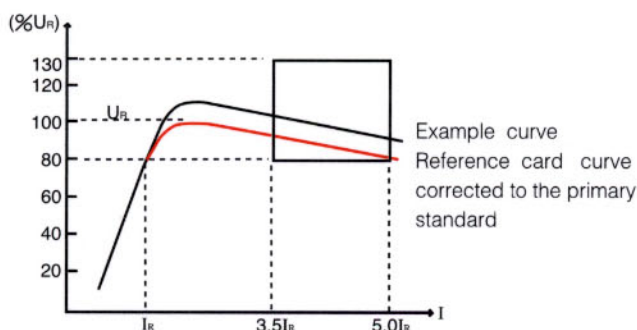
Not more than 6 boxes pile up, far away from the magnetic field.

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

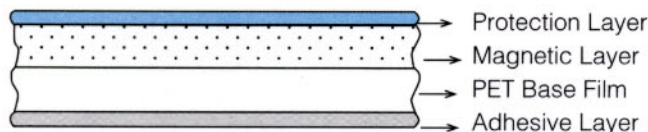
Magnetic Information Sheet

LK360TV2 Magnetic Stripe

Saturation Curve



Film-Coating Composite



Recommended Process Condition:

Laminate Temperature: (120 ~ 140)°C

Pressure: (10 ~ 15)Mpa

Duration Time: (20~25)minute

The processing conditions are for the reference only.

Their parameters should be adjusted base on spot conditions.

Use and characteristic:

The products, which have the features of good temperature resistance, good anticorrosion and long durability, are widely used in PVC magnetic cards based on which telecom cards, transaction cards, attendance cards and dining cards. The products are suitable for laminating techniques.

General Characteristics

Base film material: Polyester

Magnetic layer material: Ferrite

Color: Brown

Thickness Characteristics

Base film thickness: (12 ± 1) μm

Total thickness: (26~29) μm

Magnetic Characteristics

Coercivity Hc: 28.7kA/m (360 Oe)

Retentivity Br: (1.4 ± 0.14) 10⁻⁶ Wb/m

Squareness K: ≥0.8

Signal Amplitude Characteristics

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

Signal amplitude UA1: (0.8 ~ 1.3) UR

Signal amplitude Ui1: ≤ 1.36 UR

Signal amplitude UA2: ≥ UA1 ≥ UA2 ≥ 0.8 UR

Signal amplitude Ui2: ≥ 0.65 UR

Resolution UA3: ≥ 0.7 UA2

Erasure UA4: ≤ 0.03 UR

Extra pulse Ui4: ≤ 0.05 UR

Wear Resistance Characteristics

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

After 2000 wear cycles

Average signal amplitude: UA after ≥ 0.60 UA before

Individual signal amplitude: Ui after ≥ 0.80 UA after

Chemical Resistance Characteristics

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

Average signal amplitude: UA after ≥ 0.90 UA before

Individual signal amplitude: Ui after ≥ 0.90 UA after

Storage Conditions:

The allowed storage period for the reel is 1 years at Temperature (10~30)°C, Humidity 40%~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.