



KM PVC Static Protective Film

Product Description

KM PVC Static Protective Film is a kind of transparent clear static dissipative film that is applied to certain substrate surface according to the static electricity feature, without any adhesive.

KM PVC Static Protective Film relies on electrostatic to paste on smooth surface.

This non- humidity dependent PVC film combines superb forming capability with dependable, long- lasting static protection.



KM PVC Static Protective Film is also formulated for the packaging for static sensitive components. It is ideally suited for thermo-formed containers used for the handling, processing, storage and shipping of ESD sensitive printed circuit boards and other sensitive devices.

Features

- Non- Adhesive – No Glue Transfer
- Easy Removal
- Good Transparency
- Extra Low Impurity
- Good Tensile Strength
- High Static Resistance
- Excellent Static Performance
- Non- Corrosive
- Non-Contaminating
- Economical
- Non- Humidity Dependent
- Flexible
- Safe and Non- Toxic
- Excellent UV Protection

Applications

- Protection for Aluminum Extrusion
- In- House Handling Packaging
- Sub- Assembly Packaging
- Receiving Storage Packaging
- Shipping Container Packaging
- Retail Packaging
- Glass
- Ceramic tile
- Mirror
- For Protection of ESD Sensitive Components, for examples:
 - Individual Part Package
 - Carrying Tray Package
 - SIM Modules Tray Package
 - SMD Component Tray
- Mirror
- Refrigerators surface and similar material objects

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2960 aims for continual product development. Details published may be subject to changes.

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Typical Physical Properties and Performance Characteristics

Note: The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

KM PVC Protective Static Film is tested under GB/T 3830-2008.

Description		Test Results	Standard Requirments
Thickness Deviation		82 – 98 μm	$\pm 10 \%$
Width Deviation		100 mm	$\pm 0.5 \%$
Aspect	Color	Average	Average
	Cold Shot	Inconspicuous	Inconspicuous
	Bubble	Inconspicuous	Slight
	Tresis	Inexistence	Inexistence
	Permanent Wrinkle	Inexistence	Inexistence
	Fish Eye & Others	10 No / m^2	$\leq 15 \text{ No / m}^2$
Tensile Strength	Lengthway	15 MPa	$\geq 13 \text{ MPa}$
	Crosswise	14 MPa	
Elongation at Break	Lengthway	180 %	$\geq 150 \%$
	Crosswise	160 %	
Low Elongation	Lengthway	14 %	$\geq 10 \%$
	Crosswise	13 %	
Right Angle Tear Strength	Lengthway	48 KN/m	$\geq 40 \text{ KN/m}$
	Crosswise	45 KN/m	
Shrinking Percentage (Water Bath)	Lengthway	6.0 %	$\leq 6.5 \%$
Loss Ratio in Heating		4.5 %	≤ 5.0
Toxic Elements Analysis	Barium (Ba)	< 1000 PPM	EN71 Part 3: 1994
	Lead (Pb)	< 90 PPM	
	Cadium (Cd)	< 75 PPM	
	Antimony (Sb)	< 60 PPM	
	Selenium (Se)	< 500 PPM	
	Chromium (Cr)	< 60 PPM	
	Mercury (Hg)	< 60 PPM	
	Arsenic (As)	< 25 PPM	

Dimension
 Thickness: 90 $\mu\text{m} \pm 10 \%$
 Width: 100 mm
 Length: 50-M

Customization of Width per Roll is possible, based on indent.

Packing
 36 Rolls per Carton

Color
 Transparent Clear

Technical Information
 The technical information, recommendations and other statements contained in this document are based upon tests or experience that Two Nine Six O Trading Pte Ltd believes are reliable, but the accuracy or completeness of such information is not guaranteed.

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