

Adhesive Backed 3.2 mil Satin Vinyl Laminate with K-SHIELD Anti-Microbial Technology

- Lamination film treated with **anti-microbial** and UV technology.
- Ideally suited for reopening of public areas and vulnerable surfaces.
- High-touch indoor and outdoor applications.

Construction:

Product Number	KJKSHIELD/
Adhesive	Permanent Clear Acrylic
Film	3.2 mil (+/- 0.2) PVC (with UV absorber)
Liner	78# Kraft Liner
Surface Finish	Satin
Nominal Gloss @ 60-Degrees	25 - 35

Regulations, Certification and Compatibility:

In general, this series of films is formulated to meet Proposition-65, Consumer Product Safety Improvement Act (CPSIA) and Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) and Restriction of Hazardous Substances Directive (RoHS).

Antimicrobial Attributes (ISO 22916):

Organisms

Staphylococcus Aureus
Klebsiella Pneumoniae
Escherichia coli (E. Coli)
MRSA
Salmonella
VRE
Listeria
Pseudomonas

Result

> 99.9% reduction (Excellent)
> 99.9% reduction (Excellent)
> 99.9% reduction (Excellent)
> 99.9% reduction (Excellent)
> 99.9% reduction (Excellent)
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Cleaning Information:

Quaternary Ammonium based cleaning solutions can be used on film surface.

KSHIELD Has been tested in accordance with ISO 22196 and is formulated to meet Proposition-65, Consumer Product Safety Improvement Act (CPSIA) and Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) and Restriction of Hazardous Substances Directive (RoHS). KSHIELD protection film with anti-microbial properties contains the active ingredients Zinc Pyrithione & Thiabendazole. Antimicrobial technology is formulated into the product; it does not directly protect the user from any exposure to bacteria or viruses, or provide additional health benefits. Evaluation and fitness for use should be performed on each specific application and is the responsibility of the end user.

Typical Performance Values

The following information on physical and chemical characteristics is based upon tests believed to be reliable. The values are intended only as a source of information. They are given without guarantee and do not constitute a warranty. The purchaser should independently determine, prior to use, the suitability of this material for his/her specific purpose. (Data represents averages and is not intended for use as a specification.)

Durability:	Outdoor - up to 3 years	
Minimum Application Temperature:	+ 40° F (Minimum for Substrate)	
Service Temperature Range:	-40° F to +180° F (-46° C to + 82° C)	
Temperature Resistance:	-65° F to + 225° F	
Chemical Resistance:	Resistant to alkalis, mild acids, most petroleum based oil, grease and aliphatic solvent and salts.	
Typical Adhesion Values:	180° Peel Test	
	<u>Substrate</u>	<u>24 hrs.</u>
	Stainless Steel	3.0 lb/in
Shelf Life:	1 year from ship date when stored in proper conditions 70° F and 50% relative humidity	

Standard Warranty

All statements, technical information and recommendations about Kapco products are based upon tests believed to be reliable but do not constitute a guarantee or warranty. All Kapco products are sold with the understanding that the Purchaser has independently determined the suitability of such product for its purposes. Kapco products are warranted to be free from defects in material and workmanship for either one year (or the period stated on the specific product information literature in effect at time of delivery, if longer) from date of shipment if said product is properly stored and applied. It is expressly agreed and understood that Kapco's sole obligation and Purchaser's exclusive remedy under this warranty, under any other warranty, express or implied, or otherwise, shall be limited to repair or replacement of defective product without charge at Kapco's plant or at the location of product (at Kapco's election), or in the event replacement or repairs is not commercially practical, to Kapco's issuing Purchaser a credit reasonable in light of the defect in the product.

Kapco's liability for defective products shall not exceed the purchase price paid therefore by Purchaser and in no event shall Kapco be responsible for any incidental or consequential damages whether foreseeable or not, caused by defects in such product, whether such damage occurs or is discovered before or after replacement or credit, and whether or not such damage is caused by Kapco's negligence.

No express warranties and no implied warranties, whether of merchantability or fitness for any particular use, or otherwise (except as to title) other than those expressly set forth above which are made expressly in lieu of all other warranties, shall apply to products sold by Kapco. Kapco specifically disclaims and excludes all other such warranties, no waiver, alteration, addition or modification of the foregoing conditions shall be valid unless made in writing and manually signed by an officer of Kapco.