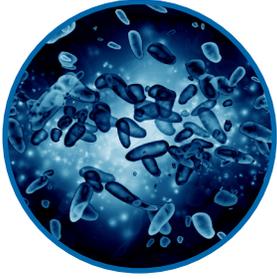


Neutralux®

Antimicrobial Surface Protection Film

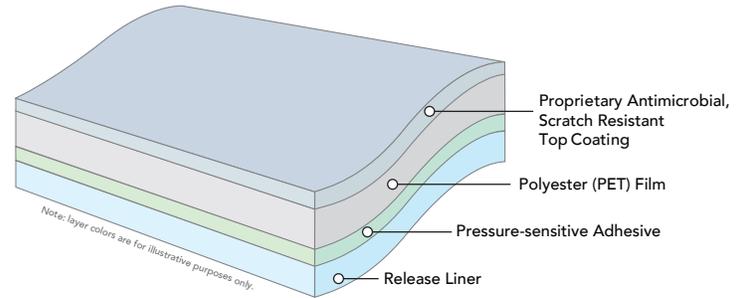


Madico's Neutralux is a 4 mil film combined with a silver-based top coat and hard coat that makes it microbial and scratch resistant. The film can be applied to surfaces in order to inhibit growth of microbes, which can cause odors and stains. Madico's top coat continuously kills microbial contaminants and resists microbe growth on the surface of the film, providing the film with built-in protection without releasing toxic substances into the environment. The active ingredient in the top coat is EPA-registered and FDA listed. Neutralux can be replaced as needed based on the degree of wear and traffic.

Material Construction:

- Top coat..... 0.20 mil
- PET 4 mil
- Adhesive layer..... 0.80 mil
- Release liner 1 mil
- Total laminate thickness 6 mil

All thicknesses are based on nominal data.



Benefits:

- Strong antimicrobial properties
- Effective against a broad range of microorganisms
- Scratch and abrasion-resistant top coating
- Prevents staining from mold, algae and chemicals
- Can be easily applied to many surfaces

Applications:

Madico's Neutralux can be applied to surfaces such as glass, wood, stainless steel or aluminum. Neutralux inhibits microbe and bacterial growth on the product's surface. The film can be used in public places including medical facilities, banks, public transportation systems, libraries, grocery stores, shopping centers, restaurants, movie theaters, salons, fitness clubs and similar.

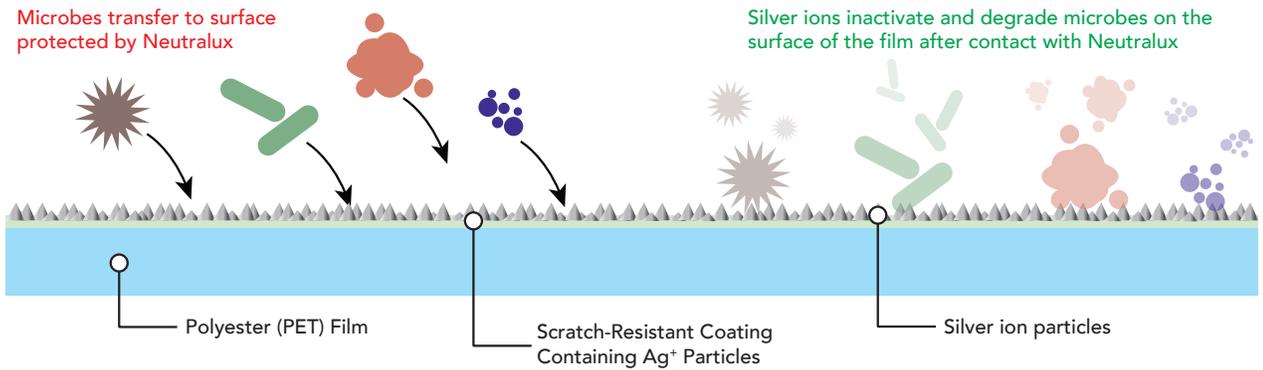
- | | | | |
|-------------------------|----------------------|--------------------------|--------------------|
| • Touch screens | • Medical equipment | • Counter tops | • Arm rests |
| • Tables | • Food trays | • Handles & hand rails | • Restroom stalls |
| • Door push/pull plates | • Display counters | • Toilet seats | • Elevators |
| • Face shields | • Walls & partitions | • Baby changing stations | • Hotel TV remotes |
| • Grocery cart handles | • Display screens | | • Key pads |



Neutralux®

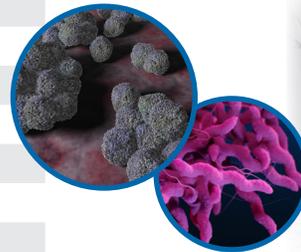
Antimicrobial Surface Protection Film

How Neutralux Works on Surfaces



Efficacy of Neutralux*

Microorganism	% Reduction over 24 hours
Bacillus cereus	99.9955%
Pseudomonas aeruginosa	No live cells
Streptococcus pneumonia	No live cells
Escherichia coli	99.9999%
Staphylococcus aureus	99.9999%
Klebsiella pneumonia	99.9998%
Acinetobacter baumannii	99.9978%
Candida albicans	99.981%
Aspergillus niger	99.91%



*JIS Z 2801 Antimicrobial products – Test for antimicrobial activity and efficacy.

Adhesion to Stainless Steel:

- Initial (15 minutes)..... 24oz/inch
- 72 hours 48oz/inch

Dimensional Stability:

Excellent

Chemical Resistance of Top Layer:

- Disinfectants..... Excellent
- Water Excellent
- Mild acids Excellent
- Salts and alkaline Excellent
- Petroleum-based grease..... Excellent
- Oils..... Excellent
- Solvents Excellent

Madico makes no direct or implied claims of protecting users or providing other health benefits.

The representations of performance and suitability for use contained in this datasheet are guidelines. Since only the user is aware of the specific conditions in which the product is to be used, responsibility to determine whether the product is suitable for that intended need belongs to the purchaser.

