

**V-GUARD ANTIMICROBIAL FILM**

Includes an antimicrobial agent that protects the film from bacteria, mold and mildew that causes stains, odors and product degradation.

**TECHNICAL DATA SHEET - VG ANTIMICROBIAL FILM (SAV Type)**

Removable self-adhesive film, Polyolefin containing antimicrobial agents.

Intended for antimicrobial protection of film/VGuard Surfaces in high-traffic areas (E/V buttons panels, public places, kiosk touch panels, handle bars, etc.)

1. Composition

Ingredients	Product Name	EPA Reg. Number	CAS No.
Nano Copper	Zeomic Type AC Silver Copper Zeolite A	71227-7	7440-50-8
Polyolefin			9002-88-4

2. Technical Data

Face Material	150mic PO film	
Total weight	about 278gsm	
Adhesive	Removable solvent acrylic	
Liner	160mic brown paper liner	
Tensile Strength at Break, MD	130Mpa	ASTM D638
Elongation(%)	500	ASTM D638
Tensile Modulus	0.8	ASTM D638

To prevent microbial (bacteria) growth, VG Antimicrobial Film inhibit the growth of many bacteria, molds and fungi.

- Protect against a variety of bacteria and fungi
- The copper-based antimicrobial film is non-hazardous and mechanically, chemically and thermally stable.
- The antimicrobial activity and efficacy (=Value of Bacteriostatic percentage, %) is 99.9%.

Note:

The Information listed above is based upon tests believed to be reliable. The values are intended only as a source of information. A legally binding guarantee of specific properties is not to be inferred from our specifications. They are given without guarantee and do not constitute a warranty. The purchaser should independantly determine, prior to use, the suitability of the material for his/her specific purpose. ( Data represents avergaes and is not intended for use as a specification.)