

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.)