

Product Information

Monomeric PVC Film (Transparent gloss 80 μ) with silver ionic based antibacterial agents and ultra-clear acrylic solvent adhesive (permanent), laminated on one-sided clay-coated silicone paper liner (90 g/m²).

Designed to protect any hygienic sensitive areas, the film easily resists to scratches even in cases of application in areas with incessant scraping such as the covering of floors and walls: *Wet and Hygienically sensitive areas, Hospital patient and treatment rooms, Education rooms, Healthcare (public & private), Pharmaceutical, Industrial, Airports, Railway stations, Retirement homes, Food manufacturing, Fast food, Swimming pools, Stadium, Laboratories, Kitchens and services, Facilities.*

Active variety (ISO 22196): reduction more than 99,99% of microbes (excellent capacity to inhibit growth of a wide range of microbes) combined with good procedures of hygiene and cleaning.

Suitable substrate: Any kind of furniture (table, chair, bed, walls, windows, doors, door knobs,...). It resists to the cleaning procedure for 50 simulated intensive washing cycles for weekly cleaning, 50 weeks of ageing with disinfectant

Very good transparency and flatness characteristics.

Excellent Dimensional stability and enhanced image brightness without a disturbing “silvering effect”.

Shelf Life

5 years when stored in the original packaging between 20°C and 25°C at 50% relative humidity.

Technical Data

Carrier: Monomeric PVC Film, highly stabilized, calendered

Thickness: 80 μ +/- 5 %

Adhesive: ultra-clear acrylic solvent perm.

Adhesion [N/cm]: 7 N/cm +/- 5 %

Liner: one-sided clay-coated silicone paper (90 g/m²)

Tensile strength md: >20MPa (DIN EN ISO 527)

Tensile strength cd: >20MPa (DIN EN ISO 527)

Application temperature: > +10

Service temperature: - 20 - +80 °C

Antimicrobial durability: up to 24 months

Standard Dimensions

1370 mm x 50 m

Safety Data Sheet

When used under normal conditions, this product does not generate or release any dangerous substances or hazardous chemicals. This is a non-hazardous product in accordance with the current GefStoffV and EU criteria. This product is not a hazardous product with regards to transportation legislation; neither does it contain substances that are hazardous to water within the meaning of the federal water act. After use, dispose of the waste product in accordance with the local / national authority

Product Information

The efficiency of pureCLING ANTIBACTERIAL was tested in an ISO laboratory according to the international standard ISO 22196.

ISO 22196: 2011 specifies the way of evaluating the antibacterial activity of plastic materials which were treated with antibacterial and other porous surfaces of products.

Our antibacterial pvc was studied in order to reduce for 99,99% the microbes, according to good procedures of hygiene and cleaning.

With these tests, we can confirm that the product resists to:

- Escherichia coli ATCC 8739
- Enterococcus faecalis –ATCC 29212
- Listeria monocytogenes – ATCC 13932
- Klebsiella pneumonia – ATCC 4352
- Staphylococcus aureus – ATCC 6538
- Pseudomonas aeruginosa – ATCC 27853
- Salmonella enteric – ATCC 14028
- Staphylococcus aureus Methicillin resistant – ATCC 33591
- Legionella pneumophila

Antibacterial activity

pureCLING resists to the cleaning procedure for 50 simulated intensive washing cycles for weekly cleaning.

pureCLING antibacterial & antiviral PVC film are easy to clean, hygienic and highly durable materials – thus becomes an excellent surface to use in clinical and medical spaces and providing an answer to one of today's greatest challenges: cross contamination in hospital (and generally public) buildings



T: +44 (0)20 8343 4884 | M: +44 (0)7973 199585 | E:info@inspirecling.com