

DTEC 950 Health Protect

Product Description

Polymeric PVC Film (Transparent gloss 75 µm) with antibacterial/ antiviral agents and ultra-clear acrylic solvent adhesive (permanent), laminated on a two sided PE-coated silicone paper liner (145 g/m²).

Designed to protect any hygienic sensitive areas, it protects the surfaces for a long time. It easily resists to scratches even in case 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 recommended by WHO against "Corona Virus" SARS. Very good transparency and flatness characteristics. Excellent Dimensional stability and enhanced image brightness without a disturbing "silvering effect".

Technical Data

Facefilm	Polymeric PVC, highly stabilized, calendered
Thickness	75 micron
Adhesive	Ultra-Clear solvent acrylic permanent adhesive
Release liner	Two-sided PE-coated, silicon paper 145g/m ²
Adhesive strength	~ 7.0 N/cm
REACH compliant	Yes, non-hazardous product
Antimicrobial durability	3 years
Temperature	- 20°C to + 80°C, application temp: > + 10°C
Shelf life	2 years when stored at 15 to 25°C and ± 50 % relative humidity (in original packaging)
Durability	5 years outdoor



Antibacterial and Antiviral activity

The efficiency of DTEC 950 HEALTH PROTECT 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 DTEC 950 HEALTH PROTECT 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

Antiviral activity

The antiviral activity of DTEC 950 HEALTH PROTECT films has been positively tested according to the DESIN-5510 method (based on ISO 21702:2019 and NF EN 14476:2013 and A2:2019 standard guidelines) with the CORONA VIRUS 229E CROWN ATCC VR-740. Test Report No. D/20/697 from June 22nd, 2020 executed by independent laboratory.

DTEC 950 HEALTH PROTECT offers an antimicrobial durability for 3 years. It resists to the cleaning procedure for 50 simulated intensive washing cycles for weekly cleaning, 50 weeks of ageing with disinfectant recommended by WHO against “Corona virus” SARS.

Disclaimer

All technical data and advice is based on our experience and measured testing that we believe to be reliable. It remains the customer's responsibility to test our products suitability for the purpose intended. The quality of our products is regularly examined, upgraded and developed. We reserve the right, without prior notice, to adjust, upgrade and improve the chemical structures or physical characteristics of their products in accordance with their latest knowledge.