

SteriTac®

Antimicrobial Film

SteriTac® Film is a 150µ (6 mil) textured polyester film incorporating Microban® antimicrobial protection. When microbes meet the Microban® reservoirs in the film, the cell wall of the microbes is disrupted. The result is a film surface providing constant additional protection against the spread of microbial contamination. SteriTac® Film offers reliable protection from mould growth and bacterial contamination, including MRSA, Streptococcus, E.coli, Salmonella and more. SteriTac® Film is ideal for use in environments where hygiene is of particular importance, such as schools, nurseries, restaurants/cafeterias and hospitals. The film's textured finish gives it good resistance to abrasions, while its clarity ensures that no colours are diminished.



Product Code: PAB

6.0 mil Clear Textured PET with Antimicrobial Hard Coating Matte



Widths up to 47in

15 YEARS PROTECTION ANTIMICROBIAL PROTECTION

15 YEARS DURABILITY INTERIOR **5 YEARS DURABILITY** EXTERIOR

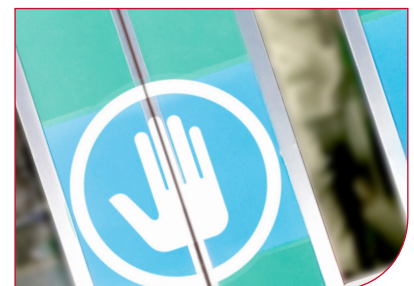
WITH ADDITIONAL MICROBAN® ANTIMICROBIAL PROTECTION



EFFECTIVE AGAINST CORONAVIRUS FOR 15 YEARS*
TESTED TO ISO 21702*

APPLICATIONS

IDEAL FOR PREVENTING THE GROWTH AND SPREAD OF BACTERIA FROM TOUCH SURFACES, COUNTERS, CONTROL PANELS, DOOR PLATES, SWITCHES AND EQUIPMENT.



DRYTAC®
ADHESIVE SCIENCE

www.drytac.com

Antimicrobial Film

SteriTac® Film is a 6 mil (150µ) textured hard coat PET film with a durable Microban® antimicrobial agent that offers reliable protection against mould and mildew growth and bacterial degradation of the film. The reverse side of the film is coated with a pressure sensitive, acrylic adhesive that is protected by a 100gsm 2 sided PE coated kraft release liner. The film provides scratch and chemical resistance to withstand daily cleaning methods.

- PVC-FREE, PLASTICISER-FREE AND HALOGEN-FREE
- THE PRIMARY PURPOSE OF INCLUDING MICROBAN® IS TO PROTECT THE FILM ITSELF AND TO INCREASE ITS EFFECTIVE LIFETIME AGAINST ATTACK FROM MOULD AND MILDEW ETC. NORMAL CLEANING AND STERILIZATION PRACTICES SHOULD STILL BE ADHERED TO, IN ORDER TO REMOVE POTENTIALLY BIOLOGICALLY ACTIVE CHALLENGES SUCH AS AEROSOL DROPLETS FROM BREATHING ETC.
- THE USE OF AQUEOUS BASED SANITIZERS INCORPORATING BLEACH AND QUATERNARY SURFACTANTS ARE PREFERRED TO THE USE OF SOLVENTS NOT ONLY FOR HEALTH SAFETY AND ENVIRONMENTAL REASONS, BUT TO ALSO ENHANCE THE PRODUCT LIFE TIME OF THE FILM.

*Antiviral activities of SteriTac® Protection film surface and non-active surface have been tested under conditions defined by the ISO 21702 (2019) protocol for a contact time of 15 and 60 minutes against Human Coronavirus SARS-CoV-2, changes in environments and locations can provide different results so it is important that hygiene and cleaning regimes remain in place.

**For more information,
performance and warranty
guidelines please contact your
local Drytac office.**

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TECHNICAL SPECIFICATION

PRODUCT STRUCTURE

Film	Textured PET with Microban® Antimicrobial Hard Coating
Adhesive	Acrylic (Pressure Sensitive)
Release Liner	100gsm 2 Sided PE Coated; 1 side Siliconized Kraft

PRODUCT CHARACTERISTICS

Film Thickness	6.0 mil (150µ)	7.0 mil (175µ)
Adhesive Layer	1.0 mil (25µ)	
UV Protection	Yes	
Slip Rating	Moderate Slip Potential; PTV Wet: 29 (EN 13036-4/ASTM E303)	
Chemical Resistance	Excellent resistance to many industrial solvents and household chemicals.	
Antimicrobial Properties	15 Year Antimicrobial Protection; tested against JIS Z2801; <i>Please see SteriTac Antimicrobial Properties document for more info.</i>	
Application Temperature	>41°F (5°C)	
Service Temperature Range	5°F to 248°F (-15°C to 120°C)	
Shelf Life	2 Years	
Storage Conditions	59°F to 72°F (15°C to 22°C); 50 - 55% Relative Humidity	

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ADHESIVE SCIENCE

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ANTIMICROBIAL PROPERTIES

PRODUCT NAME: SteriTac® Film

Description	Microbial Test	Microbe Class	Test Result*	Test Method <small>Harmonised JIS Z2801/AATCC 100</small>
SteriTac® Antimicrobial Protection Film	MRSA	Bacteria Medical	Biocidal Pass	Unprocessed Film Sample
	Streptococcus Faecalis	Bacteria Medical	Biocidal Pass	
	Pseudomonas Aeruginosa	Bacteria Medical	Biocidal Pass	
	Klebsiella Pneumonia	Bacteria Medical	Biocidal Pass	
	Listeria Monocytogenes	Bacteria Food	Biocidal Pass	
	E.coli 0157	Bacteria Food	Biocidal Pass	
	Salmonella Enteritidis	Bacteria Food	Biocidal Pass	
	Bacillus Cereus	Bacteria Food	Biocidal Pass	
	Aspergillus Niger	Fungi (Black Mold)	Biocidal Pass	
	Penicillium Purpurogenum	Fungi (Black Mold)	Biocidal Pass	
	Saccharmyces Cerevisiae	Fungi Yeast	Biocidal Pass	
Phoma Violaacea	Fungi	Biocidal Pass		
Simulated Wear Test	MRSA	Bacteria Medical	Biocidal Pass	Samples were sandpapered until texture was removed. Then polished with wire wool to give a smooth finish. This was carried out to simulate extreme surface wear.
	E.coli 0157	Bacteria Food	Biocidal Pass	
Simulated Embossed Sample	MRSA	Bacteria Medical	Biocidal Pass	Samples were stretched 20% in both MD/CD direction to simulate process of embossing (an embossed sample cannot undergo anti-microbial testing).
	E.coli 0157	Bacteria Food	Biocidal Pass	
15 Year Lifetime Test	MRSA	Bacteria Medical	Biocidal Pass	Samples were tested by an independent lab using standard test protocols that simulate real life cleaning procedures over a period of 15 years.
	E.coli 0157	Bacteria Food	Biocidal Pass	
	Aspergillus niger	Fungi (Black Mold)	Biocidal Pass	
Ethanol, IPA, MEK, Phenol Based Disinfectant, Quaternary Ammonium Based Disinfectant, Bleach	MRSA	Bacteria Medical	Biocidal Pass	Samples were soaked for 24 hours to simulate extreme cleaning regimes before undergoing testing.
	E.coli 0157	Bacteria Food	Biocidal Pass	

*Antimicrobial pass is considered to be a 97% kill rate.

Please Note: Drytac can test for a specific bacteria/fungi if not listed above.

For more information, performance and warranty guide lines please contact your local Drytac office.

These test results are not transferable and may not be relevant or applicable to real life applications. Therefore, Drytac® strongly recommends and other regulatory entities may require additional testing to determine the suitability for any specific end application. Refer to Drytac® Terms and Conditions of Sale at www.drytac.com for additional liability limitations. This certificate is the property of Drytac® Corporation. This certificate and all copies should be returned to Drytac® upon request.

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