

Protac™

AMP Film

Protac™ AMP 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. Protac™ AMP Film offers reliable protection from mould growth and bacterial contamination, including MRSA, Streptococcus, E.coli, Salmonella and more. Protac™ AMP 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.



Drytac
Easy Green
Solution



Drytac
Protective
Film

Product Code: PAB

150
micron

Textured PET with
Antimicrobial
Hard Coating

☐
Matte



**Not a
Printable
Film**



**Solvent
Acrylic
Adhesive**



Widths up to 1200mm



15 YEARS PROTECTION
**ANTIMICROBIAL
PROTECTION**



15 YEARS DURABILITY
INTERIOR



5 YEARS DURABILITY
EXTERIOR

**WITH ADDITIONAL
MICROBAN® ANTIMICROBIAL PROTECTION**



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

AMP Film

Protac™ AMP 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, solvent 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 STERILISATION 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 SANITISERS 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.

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	Solvent Acrylic (Pressure Sensitive)
Release Liner	100gsm 2 Sided PE Coated; 1 side Siliconised 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)	
Chemical Resistance	Excellent resistance to many common industrial solvents and household chemicals	
Antimicrobial Properties	15 Year Antimicrobial Protection; tested against JIS Z2801; please see Protac Antimicrobial Properties document for more info.	
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	

DRYTAC®

ADHESIVE SCIENCE

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ANTIMICROBIAL PROPERTIES

PRODUCT NAME: Protac[™] AMP Film

Description	Microbial Test	Microbe Class	Test Result*	Test Method <small>Harmonised JIS Z2801/AATCC 100</small>
Protac [™] Antimicrobial Protection Film	MRSA Streptococcus Faecalis Pseudomonas Aeruginosa Klebsiella Pneumonia Listeria Monocytogenes E.coli 0157 Salmonella Enteritidis Bacillus Cereus Aspergillus Niger Penicillium Purpurogenum Saccharmyces Cerevisiae Phoma Violacea	Bacteria Medical Bacteria Medical Bacteria Medical Bacteria Medical Bacteria Food Bacteria Food Bacteria Food Bacteria Food Bacteria Food Fungi (Black Mold) Fungi (Black Mold) Fungi Yeast Fungi	Biocidal Pass Biocidal Pass Biocidal Pass Biocidal Pass Biocidal Pass Biocidal Pass Biocidal Pass Biocidal Pass Biocidal Pass Biocidal Pass Biocidal Pass Biocidal Pass Biocidal Pass	Unprocessed Film Sample
Simulated Wear Test	MRSA E.coli 0157	Bacteria Medical Bacteria Food	Biocidal Pass 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.
Simulated Embossed Sample	MRSA E.coli 0157	Bacteria Medical Bacteria Food	Biocidal Pass Biocidal Pass	Samples were stretched 20% in both MD/CD direction to simulate process of embossing (an embossed sample cannot undergo anti-microbial testing).
15 Year Lifetime Test	MRSA E.coli 0157 Aspergillus niger	Bacteria Medical Bacteria Food Fungi (Black Mold)	Biocidal Pass Biocidal Pass 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.
Ethanol, IPA, MEK, Phenol Based Disinfectant, Quaternary Ammonium Based Disinfectant, Bleach	MRSA E.coli 0157	Bacteria Medical Bacteria Food	Biocidal Pass Biocidal Pass	Samples were soaked for 24 hours to simulate extreme cleaning regimes before undergoing testing.

*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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