



Anti-microbial Coated Films

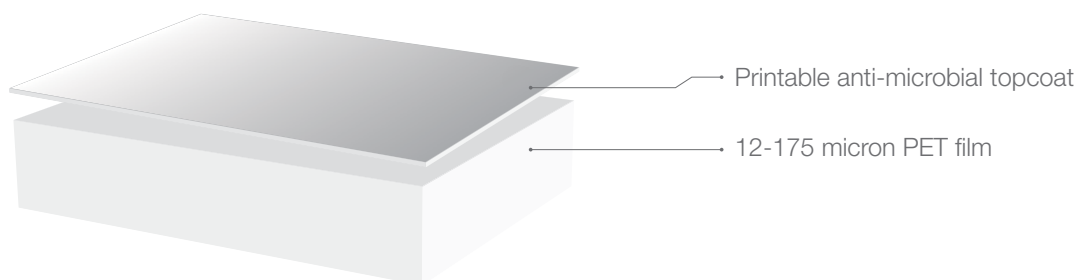
Preliminary Information Sheet

Anti-microbial PET films for surface protection

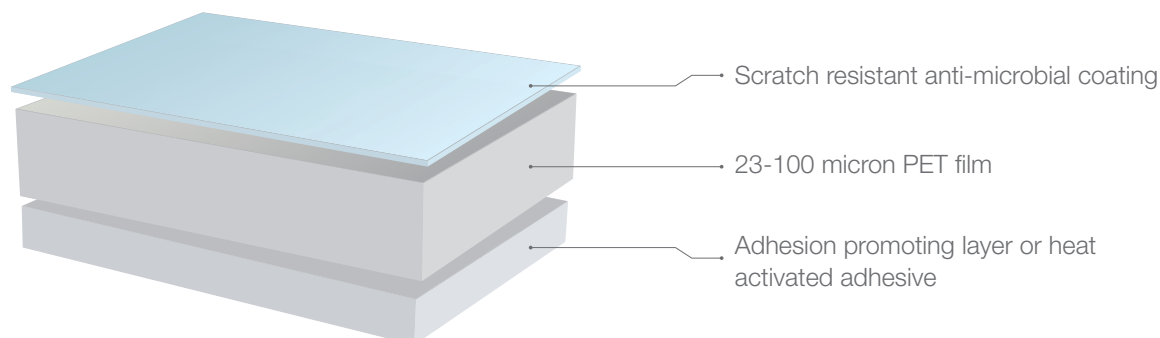
Avery Dennison Hanita has developed a range of anti-microbial films integrating silver ion technology to help inhibit the growth of bacteria, molds, or fungi that cause odors, stains or deterioration of the film surface. The films can retain effective and long-lasting microbiostatic performance and target healthcare, educational, retail, and other public environments. This product does not protect users or others against disease-causing bacteria.

Typical film constructions

Printable anti-microbial label face stock



Surfacing overlay films with anti-microbial properties for lamination to rigid or flexible substrates



Optional features for custom product development

- > Range of PET thicknesses and appearances (white, matte, metallic, clear)
- > BOPP base film
- > Print optimized coatings
- > Adhesion promoting treatments
- > High resistance (abrasion, flame retardant, chemical)

Typical applications

- > Pharmaceutical labeling and packaging
- > POP promotions
- > Self-adhesive surfacing sheets
- > Touch applications

Testing

Laboratory testing based on MOD JIS Z 2801:2000 of Avery Dennison silver ion technology coated PET films shows that stain- and odor-causing bacteria are reduced by 99.9% within 24 hours of exposure.

The silver ion additive is registered with EPA, and approved for use in plastic films and other materials for the purpose of imparting antimicrobial properties to preserve the integrity of the product. .

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About Avery Dennison

Avery Dennison (NYSE: AVY) is a global materials science company specializing in the design and manufacture of a wide variety of labeling and functional materials. The company's products, which are used in nearly every major industry, include pressure-sensitive materials for labels and graphic applications; tapes and other bonding solutions for industrial, medical, and retail applications; tags, labels and embellishments for apparel; and radio frequency identification (RFID) solutions serving retail apparel and other markets. Headquartered in Glendale, California, the company employs more than 30,000 employees in over 50 countries. Reported sales in 2019 were \$7.1 billion.

Learn more at www.averydennison.com