

# Detekt-Free™ Datasheet

**Film Name:**

Detekt-Free™

**Film Thickness:**

Top coating = 0.25 mils

PET Substrate = 4 mils

Adhesive Layer = 0.75 mils

Release Liner = 1 mil

Total Laminate thickness = 6 mils

All thicknesses are based on nominal data

**Adhesion to Stainless Steel:**

Initial (15-min) . . . . . 24oz/inch

72 hours . . . . . 48oz/inch

**Chemical Resistance of Top Layer:**

Water . . . . . Excellent

Mild Acids . . . . . Excellent

Salts & Alkaline . . . . . Excellent

Petroleum Based Greases . . . . . Excellent

Oils . . . . . Excellent

Aliphatic Solvents . . . . . Excellent

**Dimensional Stability:**

Excellent

Detekt-Free™ is Madico Film combined with silver-based antimicrobial technology that can be applied to surfaces - such as countertops, sinks, walls, tables and electronic display touch screens - to inhibit growth of microbes that can cause odor/stains or Bio-erosion. This film can be replaced as needed based on the degree of wear and traffic.

**Top Coating:**

The scratch and abrasion resistant top coating contains an FDA and EPA registered antimicrobial active ingredient. The ingredient is "silver-based" and protects the coating and film laminate from a wide spectrum of microbes, fungus, mold and algae that can produce discoloration, staining and odor.

**Adhesive and Release Liner:**

The adhesive is a tamper resistant solvent based acrylic that is water clear with good flow and resistance to ooze. The adhesive can be wet applied or dry laminated. The release liner is a slightly hazy PET film with a silicone release coating designed for smooth release and ultra-clear laminates.

The representations of performance and suitability for use contained in this datasheet are guidelines. Since only the user is aware of the specific conditions in which the product is to be used, responsibility to determine whether the product is suitable for that intended need belongs to the purchaser.

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