

3 LAYER DISSIPATIVE DENSE VINYL**I. Description**

Static Technologies dense vinyl is a rugged and economical ESD control material. It is ideal for use as a shelf lining material, tray liner or as a bench top mat. It will outlast foamed three layer vinyl and provides more effective charge dissipation than most homogenous vinyl.

This mat has a conductive layer between two static dissipative layers of vinyl. The result is a mat with excellent static dissipation properties. The powder blue material has an embossed, glare free top and a smooth bottom surface. Both top and bottom vinyl layers are static dissipative.

II. Specifications

Color: Light blue

Hardness: 70 ± 5 shore A, per ASTM D2240

Point to Ground Resistance (R_{TG}):

1 x 10⁶ ohms to 5 x 10⁸ ohms per EOS/ESD-S4.1

Point to Point Resistance (R_{TP}):

>1 x 10⁶ ohms per EOS/ESD-S4.1

Static Decay: < 0.1 sec. Per FTMS 101C, M4046

Temperature Use Range: 30° to 100° F

Texture: Light embossed top surface

Thickness (Total): 0.060" ± 0.013" (3.2mm)

Top layer: 0.012" ± 0.002"

Conductive layer: 0.001" ± 0.002"

Bottom layer: 0.048" ± 0.010"

UV Resistance: Excellent

III. Part Numbers

P/N	Item
SM-3001	Tray liner, 16-1/4" x 24", rd cmrs, no hrdwr
SM-3063	Shelf liner, 17-1/2" x 63', no hardware
SM-3302	Table mat, 2' x 4', 2 snaps, 1 GC-1102
SM-3303	Table mat, 30" x 4', 2 snaps, 1 GC-1102
SM-3350	Roll stock, 2' x 50', no hardware
SM-3355	Roll stock, 30" x 50', no hardware

IV. Cleaning

Use mild soap and water to clean common dirt and grime from mat surface. Wipe away excess soapy water with clean cloth. Do not use cleaners containing silicone. For tough dirt or stains, use a bristle brush with soap and water, a small amount of isopropyl alcohol or a weak alkaline detergent. Rinse with clean water and cloth to remove cleaner residue.

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