

THREE LAYER CUSHIONED VINYL MATS

I. Description

Static Technologies tri-layer vinyl mats provide an economical and highly effective worksurface for ESD sensitive environments. The top layer is an abrasion resistant dissipative vinyl. A conductive middle layer provides a dependable path to ground. The foamed dissipative bottom layer provides cushioning. These durable mats are available in blue or grey. They provide an attractive, glare free and non-skid work surface.

II. Specifications

Colors: Light blue and light grey

Cushioning: 16 lbs/in², per ASTM D1667

Flammability: Self-extinguishing

Per DOT/MVSS-302 and UL-94V0

Hardness: 45 ± 5 shore A, per ASTM D2240

Point to Ground Resistance (R_{TG}):

1 x 10⁶ ohms to 1 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): 0.125" ± 0.013" (3.2mm)

Top layer: 0.012" ± 0.002"

Conductive layer: 0.001" ± 0.002"

Bottom layer: 0.113" ± 0.010"

UV Resistance: Excellent

III. Part Numbers

WORK MATS: Include mat, two installed 10mm socket snaps and one common point ground cord.

Size	Blue P/N	Grey P/N
24" x 36"	SM-1301	SM-2301
24" x 48"	SM-1302	SM-2302
30" x 48"	SM-1303	SM-2303

VINYL MATS: Include two installed 10mm socket snaps. Ground cords are not included.

Size	Blue P/N	Grey P/N
24" x 36"	SM-1401	SM-2401
24" x 48"	SM-1402	SM-2402
30" x 48"	SM-1403	SM-2403

ROLL STOCK: Do not include hardware. Ground cords and snaps must be ordered separately.

Size	Blue P/N	Grey P/N
24" x 40'	SM-1440	SM-2440
30" x 40'	SM-1441	SM-2441
48" x 40'	SM-1445	SM-2445

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.

All statements, technical information and recommendations related to the seller's products are based on information believed to be reliable, but the accuracy or completeness thereof is not guaranteed. Before using the product, the user should determine the suitability of the product for its intended use. The user assumes all risks and liability whatsoever in connection with such use.

Static Technologies Corporation ♦ 61 Pleasant Street ♦ Randolph, MA 02368 U.S.A.

Telephone: 781-961-7220

Email: statictech@xensei.com

Fax: 781-961-1858

Website: www.static-tech.com