

DUAL LAYER RUBBER MATS

I. Description

Static Technologies dual layer paper finish rubber mat is a durable, non-skid worksurface for ESD sensitive environments. The blue or grey material offers superior static dissipation, reduced tribogeneration and resistance to hot solder. The material is also resistant to oil, grease and most common solvents.

The surface layer of the mat is cast on embossed paper, creating a "leatherlike" texture that is easy to maintain. A black conductive bottom layer ensures an effective ground path. These mats meet the requirements of ESD Association EOS/ESD-S4.1.

II. Specifications

Colors: Blue and grey

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

Hardness: 65 ± 5 shore A, per ASTM D2240

Heat Resistant: to 500° F

Proper ventilation is recommended for constant exposure to temperatures in excess of 150° F.

Point to Ground Resistance (R_{TG}):

5 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

Texture: Smooth pebble grained finish

Thickness (Total): 0.060" ± 0.005" (1.6 mm)

Top layer: 0.030" ± 0.003"

Conductive layer: 0.030" ± 0.003"

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"	RM-3301	RM-4301
24" x 48"	RM-3302	RM-4302
30" x 48"	RM-3303	RM-4303

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

Size	Blue P/N	Grey P/N
24" x 36"	RM-3401	RM-4401
24" x 48"	RM-3402	RM-4402
30" x 48"	RM-3403	RM-4403

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

Size	Blue P/N	Grey P/N
24" x 50'	RM-3410	RM-4410
30" x 50'	RM-3411	RM-4411
36" x 50'	RM-3412	RM-4412
48" x 50'	RM-3414	RM-4414

IV. Cleaning

Use STATIC TECH TC-1000 mat cleaner or mild soap and water to clean common dirt and grime from mat surface. 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.

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