

3M™ Anti-Fatigue Mats

Anti-fatigue Floor Mat

This 3/8 inch thick foamed vinyl mat provides relief and comfort for personnel that must stand or walk for long periods. Embossing improves traction. Suppresses voltage on personnel as they approach a work area.

Standards

Meets the requirements of EIA 625, MILI-HDBK-263, and MIL-STD-1686.

Specifications

Resistance to Ground point (R_{TG}) 10^9 - 10^{10} ohms
Resistance Top to Top (R_{TT}) 10^9 - 10^{10} ohms
Thickness: 0.375 inches
Color: Gray or Brown

Part Numbers

Mats	Includes mat, two snaps, installed.	
SIZE	GRAY P/N	BROWN P/N
24x36 inches	AFM2436L1VGR	AFM2436L1VBR
36x60 inches	AFM3660L1VGR	AFM3660L1VBR

Call for custom sizes.

Mat Kits	Includes mat, two snaps, installed, and a 15 foot ground cord.	
SIZE	GRAY P/N	BROWN P/N
24x36 inches	AFM2436L1VGR-F	AFM2436L1VBR-F
36x60 inches	AFM3660L1VGR-F	AFM3660L1VBR-F

Call for custom sizes.

Rolls	Includes roll of matting material.	
SIZE	GRAY P/N	BROWN P/N
3x60 feet	AFM36720L1VGR	AFM36720L1VBR

See 3M Data Sheets for these related items:

3M™ Ground Cords

3M™ Snaps

3M™ Snap Tool

BEVELED EDGE

DISSIPATIVE VINYL

Mat

TWO SNAPS

Roll

Mat with Cord

R - T - G?

R_{TG} is the resistance from one point on the mat's surface to the mat's ground point, and is the fundamental electrical test for a mat. A proper R_{TG} insures that a mat can conduct charge from a point on the surface to the mat ground point. The guideline in ESD STM-4.1 for R_{TG} is 1×10^6 to 1×10^9 ohms. ANSI/ESD S-20.20 has an upper limit of $<1 \times 10^9$ ohms.

R_{TT} is the resistance from one point on the mat's surface to another point. A proper R_{TT} insures the consistency of the mat's resistance properties. The ESD STM-4.1 guideline for R_{TT} is $>1 \times 10^6$ ohms.

P R O D U C T D A T A S H E E T

Mat - Anti-Fatigue - FLOOR MAT

PRODUCT
ANTI-FATIGUE FLOOR MAT

ITEM NUMBER
SEE ABOVE

DATASHEET
1137-B

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