# RMBILTRITE™
## RUBBER & PLASTICS

## TUFF TRAC®
### THERMOPLASTICS

# Military Electrical Grade Switchboard Matting
## Type I, Type II, and Type III



**Made in the USA**

**Berry Amendment Compliant**

**Type I Marbleized**

**Type II Smooth**

**Type III Diamond**

# Switchboard Matting Engineered for all Divisions within the Department of Defense

**RM Biltrite™ Tuff Trac® Military Electrical Grade (MEG) Switchboard Matting** is manufactured with a combination of flame retardants and smoke suppressants to meet stringent flame and smoke density standards required for MIL-DTL-15562G specifications. All military grade rolls are marked on the backside with the specification, month, and year of manufacture to guarantee compliance with MIL-DTL-15562G requirements.

**Type I:** Smooth sheet; comes in a marbleized beige, black*, blue, green, grey, and terra cotta color. Typically used as floor covering for glue down installations in high voltage areas. Can be installed with heat or chemically sealed seams to create a watertight protective surface.

**Type II:** Smooth runner; comes in beige, black*, blue, green, grey, and terra cotta color. Designed for single strip use as portable floor mats around electrical devices or electrical areas. Provides the same insulation and fire/smoke resistance as Type I.

**Type III:** Mat/runner with raised diamond plate finish; comes in beige, black*, blue, green, grey, and terra cotta color. Designed to be used as a removable runner around electrical equipment or areas where electrical hazards may exist. Provides extra slip protection and the same insulation and fire/smoke resistance as Type I.

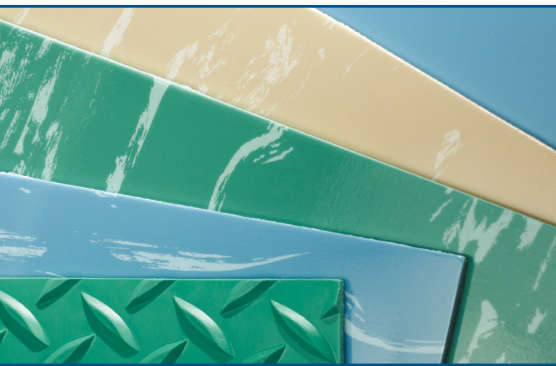**\*Note: Black is not authorized for use aboard submarines.**

| MEG SWITCHBOARD SPECIFICATIONS | TYPE I | TYPE II | TYPE III |
|---|---|---|---|
| **Thickness:** | $1/8$" (3.2 mm) | $1/8$" (3.2 mm) | $3/16$" (4.8 mm) |
| **Durometer:** | 95 ± 5 | 75 (min) | 65 (min) |
| **Tensile Strength (initial):** | 800 psi (5.5 MPa) | 800 psi (5.5 MPa) | 800 psi (5.5 MPa) |
| **Ultimate Elongation (min):** | 75% | 100% | 100% |
| **Permanent Set (max):** | 25% | 25% | 25% |
| **Dielectric Test Voltage:** | 30,000 VAC | 30,000 VAC | 30,000 VAC |
| **Proof Tested:** | 15,000 VAC | 15,000 VAC | 15,000 VAC |
| **Recommended Maximum Use Voltage:** | 3,000 VAC | 3,000 VAC | 3,000 VAC |
| **Dimensional Stability:** | 0.02 in/ft (0.17 cm/m) ± | 0.25 in/ft (2.10 cm/m) ± | 0.25 in/ft (2.10 cm/m) ± |
| **Resistance After Sulfuric Acid Immersion:** | Pass | Pass | Pass |
| **Resistance After Oxygen Bomb Aging:** | Pass | Pass | Pass |
| **Resistance After Light Aging:** | Pass | Pass | Pass |
| **Surface Finish:** | Smooth Marbleized | Smooth | Raised Diamond Plate |
| **Surface Gloss Level:** | 50 | - | - |
| **Back Finish:** | Stipple | Stipple | Textured Cloth Impression |
| **Cut:** | Sheet | Runner | Mat/Runner |
| **Color:** | Beige, Black, Blue, Green, Grey, Terra Cotta | Beige, Black, Blue, Green, Grey, Terra Cotta | Beige, Black, Blue, Green, Grey, Terra Cotta |
| **Roll Size (W x L):** | 36" x 75' (91.4 cm x 22.9 m) | 36" x 75' (91.4 cm x 22.9 m) | 36" x 75' (91.4 cm x 22.9 m) |
| **Item ID #s:**<br><br>**Custom sizes available upon request.** | **Beige**<br>- NSN: #7220-01-024-9039<br>- Item ID: #67459039<br>**Blue**<br>- NSN: #7220-01-024-9040<br>- Item ID: #67459040<br>**Green**<br>- NSN: #7220-01-025-1695<br>- Item ID: #67451695<br>**Grey**<br>- NSN: #7220-01-357-4133<br>- Item ID: #67459051<br>**Terra Cotta**<br>- NSN: #7220-01-024-9041<br>**Item ID: #67459050** | **Beige**<br>- Item ID: #67459042<br>**Blue**<br>- NSN: #7220-00-267-4630<br>- Item ID: #67454630<br>**Green**<br>- NSN: #7220-00-913-8751<br>- Item ID: #67458751<br>**Grey**<br>- Item ID: #67459044<br>**Terra Cotta**<br>- Item ID: #67459045 | **Beige**<br>- Item ID: #67459046<br>**Black**<br>- Item ID: #67459047<br>**Blue**<br>- Item ID: #67459053<br>**Green**<br>- NSN: #7220-01-056-1944<br>- Item ID: #67451944<br>**Grey**<br>- NSN: #7220-01-057-1897<br>- Item ID: #67451897<br>**Terra Cotta**<br>- Item ID: #67459049 |



Distributed by:

**RMBILTRITE™**

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