

## Insulative Switchboard Matting

Corrugated Finish



### Switchboard Matting for Electrical Insulation & Safety

**RM Biltrite™ Tuff Trac® Insulative Switchboard Matting** protects employees from electrical shock by interrupting the electrical path-to-ground. Perfect for use in high voltage areas and around high voltage equipment. Tuff Trac® switchboard matting is made from PVC and comes with a corrugated top finish and a cloth bottom finish. All matting is branded on the back per ASTM specification.

**RM Biltrite™** has over forty years of experience researching, manufacturing, and testing both rubber and vinyl switchboard matting. Extreme testing is performed on every production batch to confirm the formula delivers a higher margin of safety up to 50,000 VAC.

**Tuff Trac® Switchboard Matting** can be used with power boards, electrical rooms, transformer stations, switching gear, bucket floors, mines, subways, or any other high voltage area. Available in two classes:

**Type II, Class 1:** For areas with standard dielectric insulation requirements. Verified for dielectric resistance to 20,000 VAC per ASTM D178.

**Type II, Class 2:** For areas with higher dielectric insulation requirements. Contains polymers enriched with functional additives which provide greater insulative resistance. Verified for dielectric resistance to 30,000 VAC per ASTM D178.

**Tuff Trac® Switchboard Matting is also available in military specification grade MIL-DTL-15562, currently used by the U.S. Navy.**

Corrugated finish  
in blue or black

RM Biltrite™ Tuff Trac® Type II Insulative Switchboard Matting is verified for dielectric resistance to 30,000 VAC per ASTM D-178. All Switchboard Matting is tested to 50,000 volts for a guaranteed higher margin of safety.



| SWITCHBOARD SPECIFICATIONS   | TYPE II, CLASS 1  | TYPE II, CLASS 2  |
|--|---|---|
| <b>Thickness:</b><br>ASTM D412   | 3/16" (4.8 mm)  | 1/4" (6.4 mm)   |
| <b>Tensile:</b><br>ASTM D412   | 800 psi (5.5 MPa)   | 800 psi (5.5 MPa)   |
| <b>Elongation:</b><br>ASTM D412  | 150%  | 150%  |
| <b>Flame Resistance (Max.):</b><br>ASTM D178-01                        | 0.5" (1.3 cm) after 30 seconds  | 0.5" (1.3 cm) after 30 seconds  |
| <b>Surface Wear Resistance:</b><br>Taber, H-18 wheel/500 gr./1000 rev. | Good  | Good  |
| <b>Dimensional Stability/Lay Flat:</b><br>ASTM D1204                   | Very Good   | Very Good   |
| <b>Dielectric Test Voltage:</b><br>ASTM D178-01                        | 20,000 VAC  | 30,000 VAC  |
| <b>Proof Tested Over Entire Surface:</b><br>ASTM D178-01               | 10,000 VAC  | 20,000 VAC  |
| <b>Recommended Maximum Use VAC:</b><br>ASTM D178-01                    | 7,500 VAC   | 17,000 VAC  |
| <b>Ozone Resistance:</b><br>ASTM D178-01                               | Pass  | Pass  |
| <b>Polymer:</b>  | PVC   | PVC   |
| <b>Surface Finish:</b>   | Corrugated  | Corrugated  |
| <b>Back Finish:</b>  | Cloth   | Cloth   |
| <b>Color:</b>  | Black   | Blue and Black  |
| <b>Roll Length:</b>  | 75' (22.9 m)  | Blue: 25' (7.6 m)<br>Black: 75' (22.9 m)  |
| <b>Item ID #s:</b><br><br>Custom sizes available upon request.         | <b>24" (60.9 cm) wide:</b> #67216119<br><b>36" (91.4 cm) wide:</b> #67216120<br><b>48" (121.9 cm) wide:</b> #67216121 | <b>Blue, 54" (137.2 cm) wide:</b> #67216123<br><b>Black, 24" (60.9 cm) wide:</b> #67216113<br><b>Black, 36" (91.4 cm) wide:</b> #67216112<br><b>Black, 48" (121.9 cm) wide:</b> #67216115 |

Made in the USA by RM Biltrite™ LLC, a leading US manufacturer of engineered thermoplastic products including: building materials; specialty flooring and matting; noise attenuation; gasketing; and other products with complex technical requirements.

For samples and more product information, please contact your local distributor or an RM Biltrite™ representative at 800.877.8775.



© RM Biltrite, LLC 2018

The following are trademarks of RM Biltrite, LLC: RMBiltrite™, Biltrite®, Tuff Trac®

The following are trademarks of QRR, Inc: RubberMax™

There may be other trademarks of RM Biltrite or other companies noted in this document.

Revised October 16, 2018

Distributed by:

P: (800) 877-8775 | F: (888) 894-0204  
sales@rmbiltrite.com | www.rmbiltrite.com  
8525 Dunwoody Pl | Sandy Springs, GA 30350