

Insulative Switchboard Matting

Corrugated Finish



Corrugated finish
in black

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.

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

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.



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