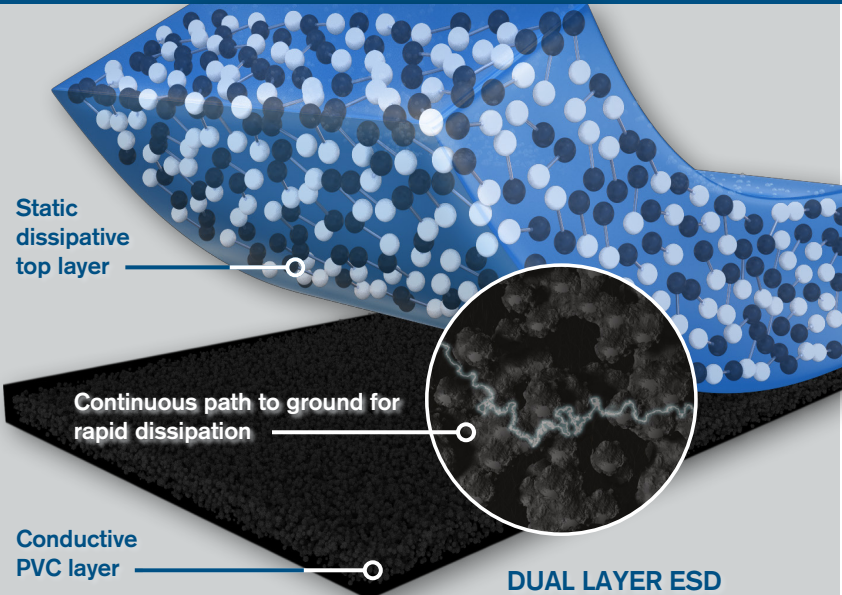


ESD Matting

Stipple and Diamond Pattern



SINGLE LAYER ESD



DUAL LAYER ESD



Protect electrical components from damage with Tuff Trac® ESD Matting

Matting for Electrostatic Discharge Protection

RM Biltrite® Tuff Trac® ESD Matting is engineered to protect personnel, equipment, and products from harmful electrostatic discharge caused by accidental contact, short circuiting, or dielectric breakdown. Unguarded electrostatic discharge can lead to hazardous sparks, fire, and greater damage. ESD Matting also provides good anti-fatigue properties. Available in two types:

Single Layer ESD Matting: Manufactured with a proprietary blend of polymers and homogeneously-dispersed migratory anti-static components. The polymers decrease dissipation speed, while the anti-static components continually migrate to the surface. Single Layer ESD Matting has high hydrophilic properties, ensuring a micro-thin surface layer of water to assist with the flow of static charge. Matting delivers an electrical resistance of 10^8 - 10^9 .

Dual Layer ESD Matting: Manufactured by permanently bonding Single Layer ESD Matting to a 6 mm conductive PVC backside layer. This bonding process produces an improved electrical rating of 10^6 - 10^8 , making the matting surface less hydrophilic and less dependent on room humidity.

TECHNICAL SPECIFICATIONS	STIPPLE SINGLE LAYER	STIPPLE DUAL LAYER	DIAMOND DUAL LAYER
Thickness: ASTM D412	0.06" (1.5 mm)	0.06" (1.5 mm)	5/32" (4.0 mm)
Tensile: ASTM D412	1000 psi (6.9 MPa)	1000 psi (6.9 MPa)	1000 psi (6.9 MPa)
Elongation: ASTM D412	175%	175%	150%
Surface Wear Resistance: Taber, H-18 wheel/500 gr./1000 rev.	Very Good	Very Good	Excellent
Dimensional Stability: ASTM D1204	Excellent	Excellent	Excellent
Resistance to Top: RTT/Face: ANSI/ESD S4.1-2005	10 ⁸ - 10 ⁹	-	-
Resistance to Ground: RTG/Face: ANSI/ESD S4.1-2005	-	10 ⁶ - 10 ⁸	-
Resistance to Ground: RTG/Face: ANSI/ESD S7.1-2005	-	-	10 ⁶ - 10 ⁸
Ozone Resistance: ASTM D178-01	Pass	Pass	Pass
REACH & RoHS:	Compliant	Compliant	Compliant
Recommended Use:	Table	Table, Shelf	Floor
Polymer:	PVC	PVC	PVC
Surface Finish:	Stipple	Stipple	Diamond
Back Finish:	Smooth	Smooth	Textured Cloth Impression
Color:	Blue, Gray	Blue, Gray	Black
Roll Length:	50' (15.2 m)	50' (15.2 m)	75' (22.9 m)
Item ID #s: Custom sizes available upon request.	Blue - 24" (60.9 cm) wide: #67260034 - 30" (76.2 cm) wide: #67260035 - 36" (91.4 cm) wide: #67260036 - 48" (121.9 cm) wide: #67260037 Gray - 24" (60.9 cm) wide: #67261001 - 30" (76.2 cm) wide: #67261002 - 36" (91.4 cm) wide: #67261003 - 48" (121.9 cm) wide: #67261004	Blue - 24" (60.9 cm) wide: #67243001 - 36" (91.4 cm) wide: #67243003 - 48" (121.9 cm) wide: #67243004 Gray - 24" (60.9 cm) wide: #67244001 - 36" (91.4 cm) wide: #67244003 - 48" (121.9 cm) wide: #67244004	Black - 24" (60.9 cm) wide: #67230205 - 36" (91.4 cm) wide: #67230207 - 48" (121.9 cm) wide: #67230208

Distributed by:

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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