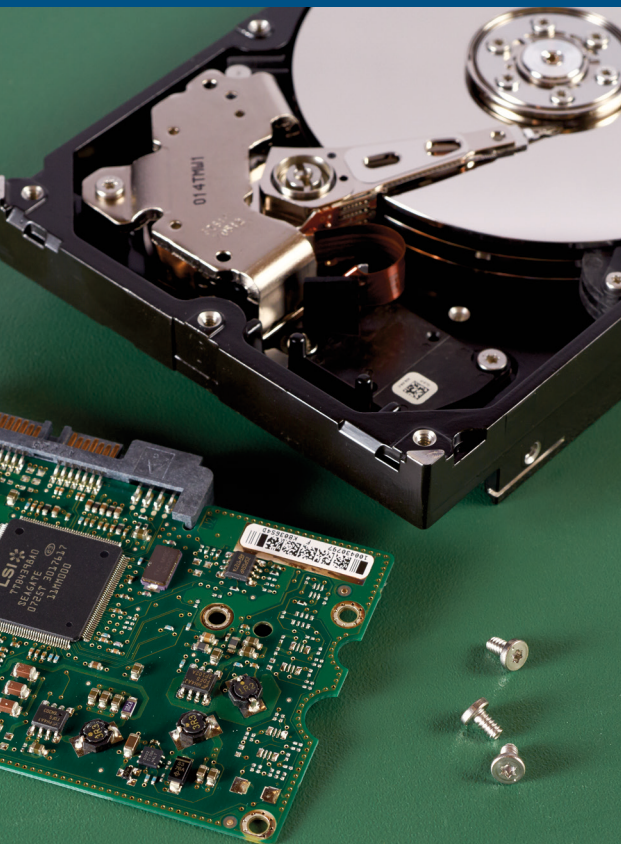
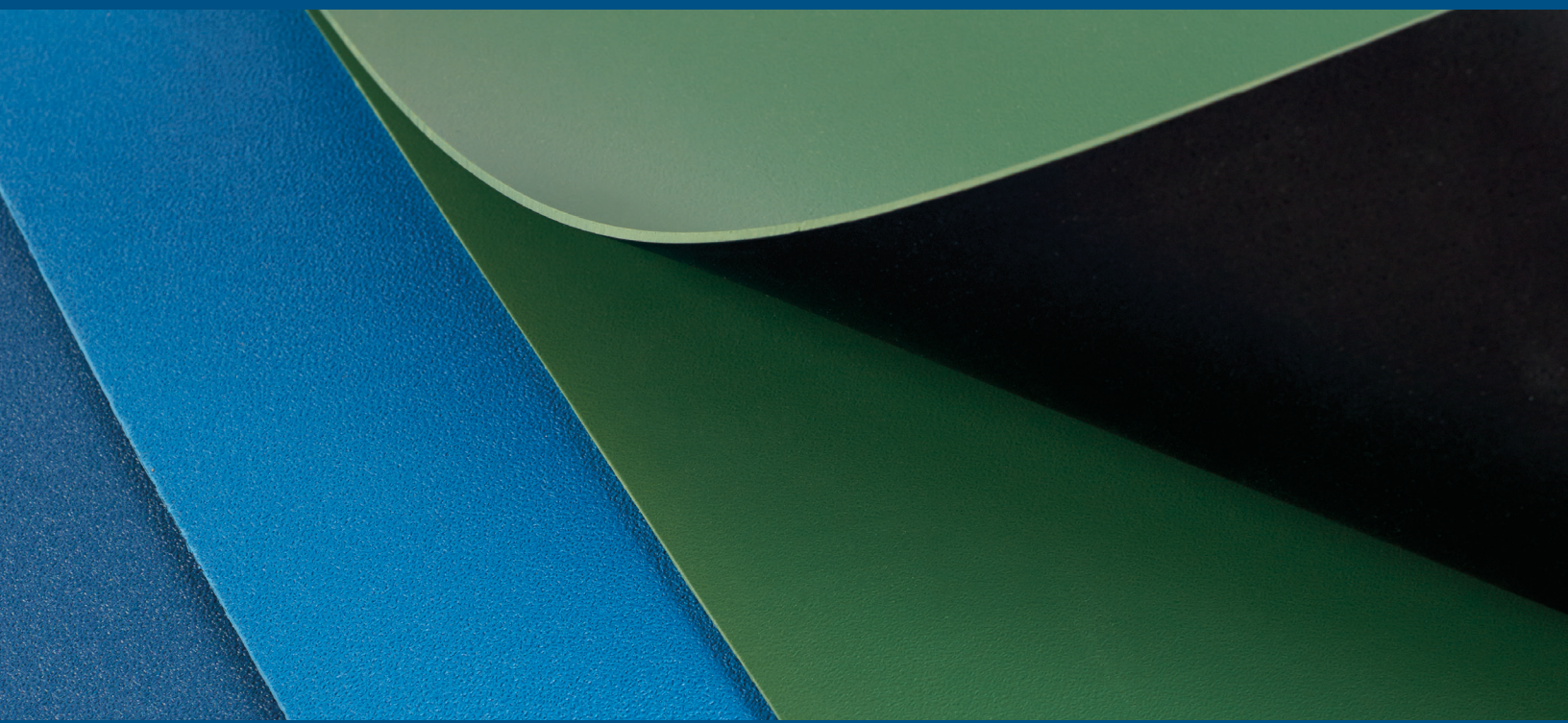




Tuff Trac® ESD Matting
Stipple and Diamond Pattern

**TUFF
TRAC®**
THERMOPLASTICS



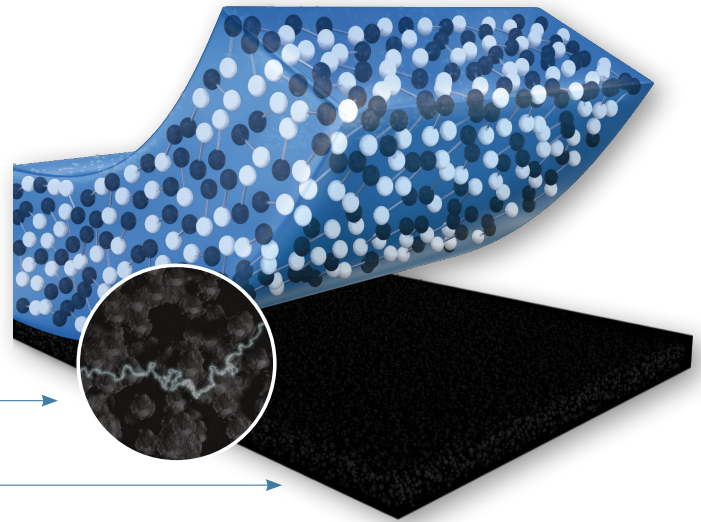
Provide anti-static and anti-fatigue protection for personnel, equipment, and products at risk of static charge damage with Tuff Trac® ESD Matting

RM Biltrite™ Tuff Trac® ESD Single Layer: Made with a proprietary blend of polymers and migratory anti-static components. The anti-static components are homogeneously dispersed and continually migrate to the surface. Our blend has high hydrophilic properties, ensuring a micro-thin layer of water on the surface to assist the flow of static charge. The blend polymers control dissipation by slowing its speed. Tuff Trac® ESD Single Layer delivers a resistance of 10^8 - 10^9 .

RM Biltrite™ Tuff Trac® ESD Dual Layer: Made with the same proprietary blend of polymers and migratory anti-static components and then permanently bonded to a 5 mm conductive polymer layer on the backside. The conductive polymer bonding produces an electrical rating of 10^6 - 10^8 , making its surface less hydrophilic and less dependent on room humidity.

Available in Blue, Green, Grey, and Black

RM Biltrite™ Tuff Trac® ESD Matting is available in a variety of non-slip surfaces and colors. An optional yellow safety edge can be applied to certain products upon request.



Static dissipative top layer

Continuous path to ground for rapid dissipation

Conductive PVC layer

ESD MATTING SPECIFICATIONS

SPECIFICATION	TEST	ESD Single Layer .060" (1.5 mm) Thickness	ESD Dual Layer .060" (1.5 mm) Thickness	ESD Dual Layer .156" (4.0 mm) Thickness
Polymer	-	PVC	PVC	PVC
Top Finish	-	Stipple	Stipple	Diamond
Bottom Finish	-	Smooth	Smooth	Textured
Color	-	Blue or Grey	Blue or Green	Black (Optional yellow safety border)
Elongation	ASTM D 412	175%	175%	150%
Tensile Strength	ASTM D 412	1000 PSI (6.9 MPa)	1000 PSI (6.9 MPa)	1000 PSI (6.9 MPa)
Surface Wear Resistance	Taber, H-18 wheel/500 gr./1000 rev.	Very Good	Very Good	Excellent
Dimensional Stability	ASTM D 1204	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 D 178-01	Pass	Pass	Pass
REACH & RoHS	-	Compliant	Compliant	Compliant
Recommended Use	-	Table	Table, Shelf	Floor

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

RM BILTRITE™

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