

Tuff Trac® Type I, II & III Military Electrical Grade (MEG) Switchboard Matting

BILTRITE®
THERMOPLASTICS



Type I
marbled

Type II
smooth

Type III
diamond plate

Tuff Trac® Electrical Grade safety matting protects personnel and equipment

The MIL-DTL-15562 specification covers vinyl switchboard matting and sheet floor coverings for use around electrical apparatus or circuits. The MIL-DTL-15562 specification is approved for use by all Departments and Agencies of the Department of Defense. Tuff Trac® 7220-MEG switchboard matting and floor covering is engineered to meet all requirements of MIL-DTL-15562 including updated standards listed in MIL-STD-1623.

The Tuff Trac® “Thermoplastic Advantage”

Tuff Trac® 7220-MEG switchboard matting is made with a combination of flame-retardants and smoke suppressants to meet stringent flame and smoke density requirements for MIL-DTL-15562 per MIL-STD-1623. In addition, our production team takes extra care during processing to create a homogenous blend preventing unwanted air pockets, which may lead to poor electrical insulation properties. All rolls are marked on the backside with the specification and month and year of manufacture to assure compliance with MIL-DTL-15562 requirements.

**Berry Compliant – Meets or Exceeds
MIL-STD-1623E (SH) MIL-DTL 15562**



Tuff Trac® 7220-MEG, Type I, sheet, smooth surface

Highly durable, marbled, electrically insulating surface is typically used as floor covering for glue down installations in designated electrical areas such as high-voltage switchboard spaces, CCTV control rooms, power generation equipment and radar rooms for personnel protection against shock. Type I sheeting can be installed with heat or chemically sealable seams to create a watertight protective surface. This product is available in multiple colors with a high gloss finish supplied in standard rolls 36" x 25 yards. Matching color-welding thread is also available.



Tuff Trac® 7220-MEG, Type II, mat, runner type, smooth surface

Type II is designed for use in single strips as a portable mat on floors around electrical apparatus or on workbenches in electric work areas. Tuff Trac® Type II matting provides the same electrical insulation and fire and smoke resistant properties as our Type I products. This product is available in solid blue and green in 36" or black in 24" x 25 yard rolls. **Note: Black is not authorized for use aboard submarines**



Tuff Trac® 7220-MEG, Type III, mat, runner type, raised diamond surface

Type III diamond plate adds positive slip resistance to the other unique safety properties of Tuff Trac® 7220-MEG series matting. Designed primarily as a removable runner around electrical equipment or non-designated electrical areas where specific electrical hazards may exist, Tuff Trac® Type III matting provides personnel protection from accidental exposure to electrical potentials and sure footing from the anti-slip diamond embossed surface. Available in gray or green 36" X 25 yard rolls.



Tuff Trac® Military Matting Technical Data – Electrical-Grade Dielectric Switchboard Matting

Specification Description:		MIL-DTL-15562G		
Type		Type I	Type II	Type III
Surface Texture		Sheet, smooth surface	Mat, runner type, smooth surface	Mat, runner type, raised diamond surface
Available Colors		Military NSN Number	Military NSN Number	Military NSN Number
Biege		7220-01-024-9039	–	–
Terra Cotta		7220-01-024-9041	–	–
Black		–	7220-00-255-0765	–
Blue		7220-01-024-9040	7220-00-267-4630	–
Gray		7220-01-024-4133	–	7220-01-057-1897
Green		7220-01-025-1695	7220-00-913-8751	7220-01-056-1944
Thickness (inch, min.)		0.125"	0.125"	0.187"
Roll Size		36" x 75'	36" x 75'	36" x 75'
Tensile strength, initial, (lb.in ²)		800	800	800
Ultimate elongation, (% min.)		75	100	100
Permanent set, (% max.)		25	25	25
Hardness		95 +/- 5	75 (min.)	65 (min.)
Dielectric Test Voltage		30000 VAC	30000 VAC	30000 VAC
Proof Tested		15000 VAC	15000 VAC	15000 VAC
Recommended maximum use voltage		3000 VAC	3000 VAC	3000 VAC
Dimensional stability, (in./foot)		0.02" (+/-)	0.250" (+/-)	0.250" (+/-)
Gloss		50	–	–
Chemical resistance:		Pass/Fail	Pass/Fail	Pass/Fail
After immersion, sulfuric acid		Pass	Pass	Pass
After oxygen bomb aging		Pass	Pass	Pass
After light aging		Pass	Pass	Pass

Rev. April 2013

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.

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