

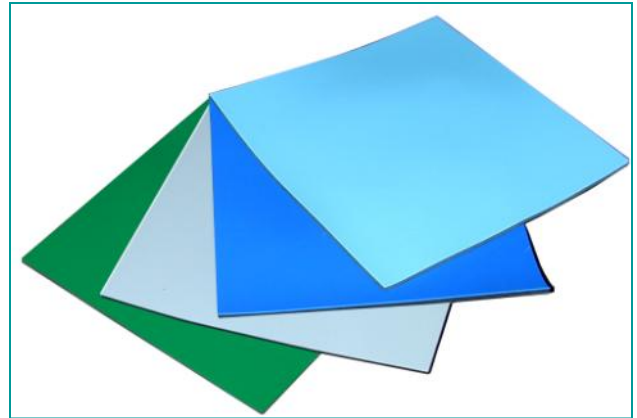
MT4500 Series

2 Layer Rubber Table Mat

Description

The 4500 series ESD control mats from Transforming Technologies are made of a durable 2-ply rubber. A conductive layer backs the static dissipative top layer that creates outstanding electrical performance characteristics. The 4500 series offers excellent resistance to hot solders, soldering irons and most solvents.

MT4500 is available in rolls or cut mats. Mats are packaged individually with two (2) female 10mm snaps. Grounding hardware included.



Meets or exceeds requirements of ANSI ESD-S20.20 and the recommendations of ESD 4.1.
RoHS compliant.

Product Specifications

<u>Physical Properties</u>	<u>Units</u>	<u>Typical Value</u>
Thickness	Inches	.080
Hardness	Shore A	60
Tensile Strength	PSI	>1000
Elongation	%	>300
Color	(Blue, Grey or Green)	
Temperature	F (C)	190° (87°)

Electrical Properties

Resistance to Ground	ohms	8 x 10 ⁶⁻⁸
Resistance Point to Point	ohms	2 x 10 ⁶⁻⁸
Charge Decay (5kV to 50V)	Seconds	.01

Dissipative work surface 10E6 - 10E8 ohms Rtt

Slows charge removal; meets minimum recommended work surface requirements of ANSI/ESD S20.20 and recommendations of ESD 4.1

Product Number

<u>Item Number</u>	<u>Description</u>
MT4524B	Roll Mat, Blue, 24" x 50' x .080"
MT4524RB	Roll Mat, Royal Blue, 24" x 50' x .080"
MT4524GY	Roll Mat, Gray, 24" x 50' x .080"
MT4524GN	Roll Mat, Green, 24" x 50' x .080"
MT4530B	Roll Mat, Blue, 30" x 50' x .080"
MT4530RB	Roll Mat, Royal Blue, 30" x 50' x .080"
MT4530GY	Roll Mat, Gray, 30" x 50' x .080"
MT4530GN	Roll Mat, Green, 30" x 50' x .080"
MT4536B	Roll Mat, Blue, 36" x 50' x .080"
MT4530RB	Roll Mat, Royal Blue, 36" x 50' x .080"
MT4536GY	Roll Mat, Gray, 36" x 50' x .080"
MT4536GN	Roll Mat, Green, 36" x 50' x .080"
MT4548B	Roll Mat, Blue, 48" x 50' x .080"
MT4548RB	Roll Mat, Royal Blue, 48" x 50' x .080"
MT4548GY	Roll Mat, Gray, 48" x 50' x .080"
MT4548GN	Roll Mat, Green, 48" x 50' x .080"

Order Cut Mats by Part number + Color:

MT2436	24" x 36", Rubber Mat, inc. hardware
MT2448	24" x 48", Rubber Mat, inc. hardware
MT2460	24" x 60", Rubber Mat, inc. hardware

Order Cut Mats by Part number + Color:

MT2472	24" x 72", Rubber Mat, inc. hardware
MT3648	36" x 48", Rubber Mat, inc. hardware
MT3672	36" x 72", Rubber Mat, inc. hardware

This document is prepared for our customers as a service, and is to the best of our knowledge true and accurate. However, it is understood and agreed by the users of this document that we will accept no liability for the conclusions reached. Users of this document may therefore wish to perform additional testing before determining that products mentioned are suitable.

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