

VinylStat FM4 ESD Chair Mat

Description

The ESD Chair Mats are made of rigid solid vinyl with a buried conductive layer, giving it consistent electrical properties. The FM4 ESD mat provides superior physical properties along with the rigidity needed for today's office or manufacturing environment.

FM4 ESD Chair Mats are resistant to degradation by inorganic acids, organic acids, reducing agents, detergent solutions, alcohols and mineral oils. Surface Resistivity is $10^8 - 10^9$. Comply with flammability standards DOT FMVSS 302, CPSC FF 1-70.

Meets ESD S4.1-1997. Available in Gray color only with embossed pebble pattern. Kits include the mat and a FM1515 ground cord.



Product Specifications

Physical Properties

	<u>Typical Value</u>
Color	Gray
Emboss Pattern	Pebble
Gauge	0.194 ± 0.040 " (3/32", 94 mils)
Tensile	1500lb/in ² minimum
Elongation	1250% minimum
Tear	300 lb/in minimum
Durometer	90 ± 10 , (Shore A)

Electrical Properties

R_{TT} (ohm/square)@100v	$1 \times 10^7 - 9.0 \times 10^9$ Ω /sq
----------------------------	--

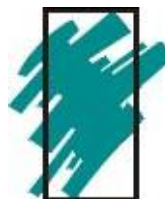
Suggested Service Temperature	$-20^\circ F$ to $+160^\circ F$ ⁽²⁾
-------------------------------	--

Product Number

<u>Item Number</u>	<u>Description</u>
FM4 4850GY:	4' x 50', Gray

Contact Transforming Technologies at
419-841-9552 for custom sized matting.

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.



Transforming Technologies, LLC

3719 King Road.
Toledo, OH 43617

Phone: 1.419.841.9552
Fax: 1.419.841.3241
www.transforming-technologies.com

Outstanding Alternatives in Static Control