

ESD Vinyl Mats and Mat Kits

EMV Series

RoHS & REACH Compliant

Three Layer ESD Mats are ideal for static dissipative and flexible work surfaces. They are made of a textured vinyl with a buried conductive layer in between provides a superior physical and electrical qualities. A homogenous construction, our three-layer mat consists of solid polyvinyl chloride surrounding a layer of conductive fleece, giving it consistent electrical properties in addition to superior physical properties.

Applications

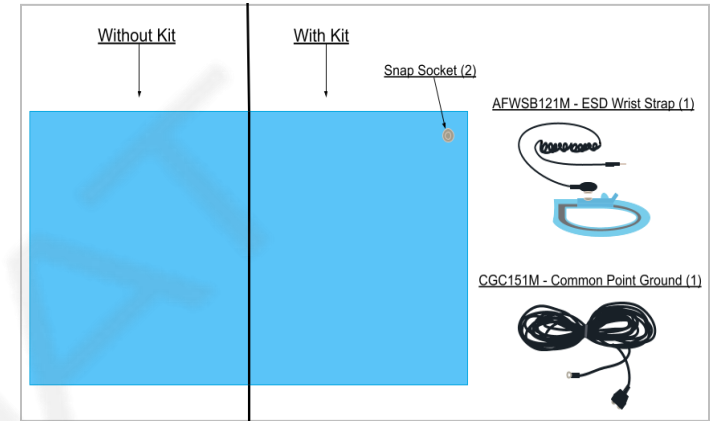
- Electronic Assembly and Manufacturing
- Pharmaceutical Plants and Cleanroom Operation
- Fiber Optics, Aerospace, and Hospitals

Product Specifications ⁽¹⁾

COLOR	Blue, Dark Gray	
EMBOSS PATTERN	Kid Grain	
GAUGE /THICKNESS	0.094" ± 0.010"; 3 /32"	
TENSILE	900 lbs./in. ² minimum	ASTM D412, Die C
ELONGATION	125%	ASTM D412, Die C
TEAR	150 lbs./in.	ASTM D624, Die C
DUROMETER	85 ± 5, Shore A	ASTM D2240
ESD Properties: Range @ 10 V	3.0 × 10 ⁷ - 9.5 × 10 ⁸ ohms/sq.	ESD S4.1-1997
Suggested Service Temperature	-20 °F to +160 °F ⁽²⁾	

(1) Specifications are subject to change at any time. If you have any questions, please contact us for the latest update.

(2) This suggested range represents the general temperature range for most flexible vinyl products



Bertech® makes no warranty, representation, or guarantee regarding the information contained herein or the suitability of its this product for any particular purpose, nor does Bertech® assume any liability whatsoever arising out of the application or use of this product. It is ultimately the responsibility of the customer to determine a product's suitability for a particular application.



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PRODUCT DATA SHEET