

# ESDproduct.com

## Technical Datasheet

### ESD Floor Runner Solid Static Dissipative Mat RoHS Compliant

ESD Floor Runner also known as Antistatic Floor Runner has a homogeneous polymer mix of durable PVC which is used to produce this material. ESD Floor Runners are ideal for production assembly rooms where an ESD safe area is required.

**APPLICATIONS:** Computer Operators, Electronic assembly and manufacturing, Pharmaceutical Plants, Cleanroom operation, Fiber Optics, Aerospace and Hospitals. To be used in hard surface floor applications.

#### TYPICAL PHYSICAL PROPERTIES <sup>(1)</sup>

##### CONSTRUCTION

A homogeneous polymer mix of durable polyvinyl chloride, AFV series solid matting is designed to provide a static-safe work area for a wide variety of applications when ESD properties are required.

##### CHEMICAL RESISTANCE

Resistant to degradation by inorganic acids, organic acids, reducing agents, detergent solutions, alcohols, aliphatic hydrocarbons, mineral oil, amines, and aldehydes.

##### PHYSICAL PROPERTIES:

COLOR	Gray	
EMBOSS PATTERN	V-Groove	
GAUGE /THICKNESS	1/8" ; 0.125" ± 0.015"	
TENSILE	700 lb/in <sup>2</sup> minimum	ASTM D412, Die C
ELONGATION	150% minimum	ASTM D412, Die C
TEAR	150 lb/in minimum	ASTM D624, Die C
DUROMETER	80 ± 5, Shore A	ASTM D2240
ESD PROPERTIES: Range @ 100V	10 <sup>8</sup> – 10 <sup>9</sup> Ω/sq	ESD S4.1-1997
SUGGESTED SERVICE TEMPERATURE	-20 °F to +160 °F <sup>(2)</sup>	

<sup>(1)</sup> Specifications are subject to change at any time for a variety of reasons. If you have any questions, please call for the latest update.

<sup>(2)</sup> This suggested range represents the general temperature range for most flexible vinyl products.

*Due to the variety of possible end-uses, it is ultimately the responsibility of the customer to determine a product's suitability for a particular application.*