



## Technical Datasheet

### ESD Floor Runners and Kits RoHS Compliant AFV Series

ESD Floor Runners are made of a gray color homogeneous polymer mix of durable PVC with ESD properties. ESD Floor Runners are ideal for production assembly rooms where an ESD safe area is required. These runners have a V-Groove emboss, which makes the mat slip resistant. The kit includes the mat, a heel grounder, and a grounding cord. ESD Floor Runners are designed to maintain a consistent discharge throughout the life of the mat with no noticeable deterioration of effectiveness.

**APPLICATIONS:** Aerospace Assembly, Computer Operators, Computer Technicians, Electronic Assembly, Fiber Optics Manufacturing, Hospitals, and Solar Industries.

#### CONSTRUCTION

A homogeneous polymer mix of durable polyvinyl chloride, the 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

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

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

COLOR	Gray
EMBOSS PATTERN	V-Groove
GAUGE /THICKNESS	0.125" ± 0.015", 1/8"
TENSILE	700 lbs./in. <sup>2</sup>
ELONGATION	150%
TEAR	150 lbs./in.
DUROMETER	80 ± 5, Shore A
ESD PROPERTIES: Range @ 100V	10 <sup>8</sup> – 10 <sup>9</sup> ohms/sq.
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.