



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 ⁽¹⁾

COLOR	Gray
EMBOSS PATTERN	V-Groove
GAUGE /THICKNESS	0.125" ± 0.015", 1/8"
TENSILE	700 lbs./in. ²
ELONGATION	150%
TEAR	150 lbs./in.
DUROMETER	80 ± 5, Shore A
ESD PROPERTIES: Range @ 100V	10 ⁸ – 10 ⁹
SUGGESTED SERVICE TEMPERATURE	-20 °F to +160 °F ⁽²⁾

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

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