



Technical Datasheet

ESD Anti Fatigue Floor Mats and Kits RoHS Compliant AF Series

ESD Anti Fatigue Floor Mats are made of a 3/8" thick closed-cell expanded polyvinyl chloride material. They are designed to provide comfort and reduce worker's fatigue when used in a static sensitive environment. The construction design of the ESD Anti Fatigue Floor Mat allows for an effective static charge removal at a non-damaging flow rate and the emboss pattern makes it slip resistant. They are known to maintain a consistent discharge throughout the life of the mat with no noticeable deterioration of effectiveness. The ESD floor mat kits include an ESD Anti Fatigue Mat, a heel grounder, and a grounding cord. Available only in gray color.

APPLICATIONS: Computer Operators, Electronic Assembly and Manufacturing, Pharmaceutical Plants, Cleanroom Operation, Fiber Optics, Aerospace, and Hospitals. To be used in hard surface floor applications.

CONSTRUCTION

A combination of polyvinyl chloride and butadiene-nitrile rubber yields an expanded anti-fatigue product that exhibits the characteristics of better chemical resistance, improved surface durability and greater resilience than traditional vinyl foams.

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	Textured
GAUGE /THICKNESS	0.375" ± 10%, 3/8"
Density	20 lbs./ft. ³
TENSILE	100 lbs./in. ²
ELONGATION	125%
TEAR	20 lbs./in.
RESISTIVITY	10 ⁸ - 10 ⁹
SUGGESTED SERVICE TEMPERATURE	-20 °F to +200 °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.