



## 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 <sup>(1)</sup>

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