

Safety Zone Safety Mats - MS Series

Tapeswitch **Safety Zone Heavy-Duty Safety Mats** are designed to protect against accidents and injury around machinery in an industrial or factory environment. These pressure sensitive safety mats feature molded, seamless construction and, consequently, exhibit exceptional resistance to moisture intrusion, as well as to most acids, alkalis and salts.

Logos in any color or combination of colors can be molded directly into the mat surface. These switch mats can also be made with multiple sensing zones, and sensitivity can be adjusted to suit specific applications.

Features & Benefits



- **Heavy-duty construction for industrial applications**
- **Molded design for exceptional moisture and chemical resistance**
- **Parallel-plate switching technology eliminates dead zones**
- **Can be installed on or in floor and with or without edging**
- **Choice of ribbed, eurodot, or smooth surface to match application**
- **[4-lead fail-safe](#) wiring is standard**

Safety Zone Safety Mats are constructed with two highly-rigid metal plates separated by spacer buttons and O-ring seals. This switching mechanism is then covered with a molded virgin vinyl housing which seals out water and other contaminants. The result is a durable and long-lasting pressure-sensitive industrial safety mat suitable for harsh factory or commercial conditions.

These sensing mats are available with a ribbed surface for dry, oily, or wet conditions, or a eurodot surface for washdown applications. A thinner, smooth-surface version is also available. They are supplied with [4-lead fail-safe](#) wiring and are compatible with Tapeswitch [Interface Controllers](#).

Specifications for Safety Zone Safety Mats

Actuation Force	33 lbs (147 N) nominal
Recommended Voltage & Current	12 to 48 Vac or Vdc at 50 mA min. to 1.0 amp max.
Environment	NEMA 6 & IP67 rated, -31 to 122 °F (-35 to 50 °C)
Maximum Size	Up to 40" x 60" single-piece construction

Safety Zone Safety Mats are available that are form, fit, and function replacements for most other brands of pressure-sensitive safety mats. They feature the same durability, long life and exceptional moisture resistance as the standard models.

Special Options:

Shape	Edge Design	Colors
Wire type	Wire location	Molded-in logos
Number of zones	Connectors	Multimat Systems

Standard Sizes for Safety Zone Safety Mats

24" x 36" (610 mm x 910 mm)	36" x 36" (910 mm x 910 mm)
24" x 48" (610 mm x 1220 mm)	36" x 48" (910 mm x 1220 mm)
24" x 60" (610 mm x 1520 mm)	36" x 60" (910 mm x 1520 mm)
30" x 48" (760 mm x 1220 mm)	Up to 40" x 60" (1010 mm x 1520 mm) custom