

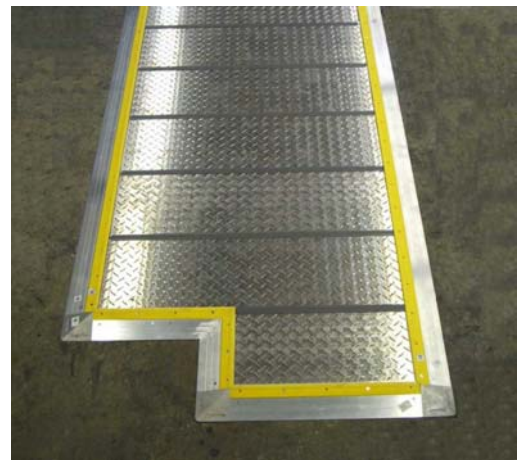


SENSING – SWITCHING
SIGNALING - CONTROL

Diamond Plate Safety Mats - Super heavy-duty and nearly indestructible **Standard Sizes – Custom designs – Short lead-times**

The Diamond Plate Aluminum Safety & Switching Mat is designed for personnel or vehicle detection in heavy industrial applications. Designed to withstand forklift traffic, steel wheel carts, pallet loaders and similar equipment, it also survives welding debris, hot parts, and metal chips.

- **Heavy-gauge aluminum deck plate construction:**
Withstands heavy industrial traffic, such as forklifts, steel carts and pallet loaders
Survives welding debris, hot parts and chips, abundant sparking
- **Stainless steel armored cable protects the external wiring**
- **Straight-forward installation and maintenance-free operation**
- **4-lead fail-safe wiring is standard**
- **TUV approval to EN1760-1:1997 and 98/37/EC Machinery Directive**



The Diamond Plate Aluminum Safety Mat is the most durable sensing mat available for heavy-industry manufacturing environments. In addition to handling factory vehicular traffic and heavy rolling equipment, it is also appropriate around welding operations or where hot parts, hot metal chips, or abundant sparking would destroy a non-metallic safety mat.

Custom Designs with Short Lead-Times – fast service, fast delivery. The Diamond Plate Mat is available in a range of standard sizes and can also be custom configured to form a protected area around a machine or work cell.

Typical applications include:

- **Sensing and control around factory traffic**
- **Hazard protection around welding operations**
- **Guarding of robotic work cells**
- **Protection in automated material handling areas**
- **General hazard protection requiring extreme durability**



Compatible Tapeswitch controllers are available for all Diamond Plate Safety & Sensing Mats.