

CKP Mats



Features

- Custom shapes & sizes
- Optional colours & top surfaces
- Option to have company logo included on label
- Fixed with AE-13 aluminium edging
- Optional sensitivities
- Fail-safe operation
- Multiple switching zones available
- Chemical & abrasion resistant

CKP mats can be used in both safety and non-safety applications where a floor sensor is preferred. We can incorporate surface patterns, colours, custom-shapes, -sizes, -sensitivities, and multi-zone detection. Large areas can be covered with a system of several mats, and there would effectively be no inactive area where the mats join together. Please contact us to discuss your application.

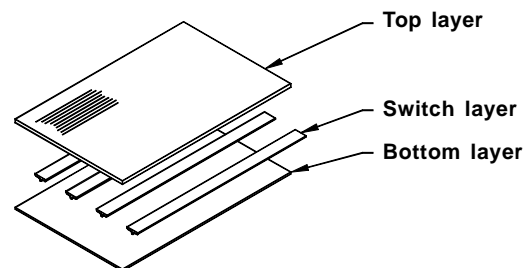
Field tested for over 20 years, the mat surface material is both weather and abrasion resistant and has an excellent record in the machine tool and automation industry.

A system consists of a mat sensor and a control unit. The CKP mat has a heavy-duty construction and comprises an array of Tapeswitch ribbon switches sandwiched between two layers of durable PVC material. When a person stands on the mat one or more of the switches is operated and a stop signal is transmitted to the machine control system.

Technical Specification

Colour	On request
Housing material	On request
Dimensions	On request
Depth	approx. 13mm
Actuation force	<300N (30kg) (80mmø test piece)
Response time	30ms
Inactive area	30mm around outer edge
Protection rating	IP65
Weight	approx. 16kg/m ²
Operating temperature	0°C to +50°C
Operating voltage	24V d.c.
Operating current	1A
Power consumption	6VA

Construction



Typical Applications

- Machinery safety
- Interactive
Play zones
Theme parks
Advertising
- Access control
Banks
Intruder alert
Transport doors