



**SENSING – SWITCHING  
SIGNALING - CONTROL**

**Tapeswitch Corporation** manufactures a wide range of products for personnel protection, machine guarding, and general safety and switching applications. Our products include:

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**Pressure-Sensitive Switching Safety Mats** - Available in 5 styles and many stock sizes. All include fail-safe wiring. Also available in custom sizes and shapes.

**Controlmat Safety Mats** – heavy-duty and abrasion-resistant

**Armormat Safety Mats** – extra heavy-duty and nearly puncture-proof

**Safety Zone Sensing Mats** – molded construction for maximum water-resistance

**Comfort Zone Safety Mats** – anti-fatigue surface with sensitive switching

**Diamond Plate Aluminum Safety Mats** – super heavy-duty and nearly indestructible



**Sensing Edges** - Can be used to protect personnel from injury, to protect equipment from damage, or simply to signal contact between two objects. Activation on contact or after compression, depending on style.

Available in many profiles, sensitivities, and compression ranges, including curves and circles. Typical applications include scissor lifts, machinery edges, medical tables, automatic door and gate edges, AGV bumpers, moving partitions, and stage lifts.



**Pressure-Sensitive Bumpers** - Provide a large, compliant surface that protects both personnel and equipment by detecting contact or impact before damage is done.

**SE-Series Sensing Bumpers** – general-purpose, heavy-duty design

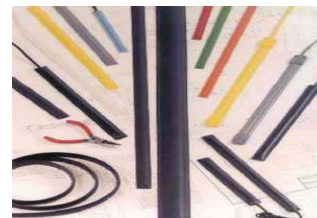
**Hercules Versatile Sensing Bumpers** – extra heavy-duty and waterproof

**VB-250 High-Impact Sensing Bumpers** – sensitive and crush-proof

Inquire about custom bumper designs for difficult or unusual applications.



**Press-At-Any-Point Ribbon Switches** - A continuous, press-at-any-point switch, which can be made in any length. The essence of simplicity and reliability, it provides millions of actuations at any point. Various mounting options are available. Used in applications where a distributed switching element is required. For example, machine on/off or emergency stop, passenger signaling, and pinch-point protection.



**Safety Light Curtain Systems** – Full-featured light curtains with controllers that conform to ANSI, RIA, CE, UL, and CUL requirements. LED beam arrays provide protection for fingers, hands, arms or torso. Suitable for the most dangerous machine guarding applications, as well as perimeter, and access control applications, they are available in a wide range of sizes and sensitivities.



**Fail-Safe Controllers** - Specifically designed for operation with safety mats, sensing edges and bumpers, and ribbon switches. They constantly monitor the integrity of the sensing element and the connecting wiring, providing maximum protection in hazardous applications.