



Hercules Ruggedized Sensing Bumper

Tapeswitch **Hercules Ruggedized Sensing Bumpers** are designed to operate in hostile environments that are off limits to conventional pressure-sensitive bumpers. Originally engineered for marine environments, they are encapsulated in a rugged polyurethane shell that meets MIL-STD-810E salt fog requirements and is resistant to many common industrial chemicals and fluids.

The Hercules pressure-sensitive bumper is abrasion-resistant, impact-resistant, and crush-resistant. It is suitable for use on AGVs, mobile platforms, traveling conveyors, and other moving equipment. These sensing bumpers are available in 4" and 7" widths, up to 18" high, and with a maximum length of 12 feet. Special capabilities include multiple sensing zones and corner bumper designs.

Features & Benefits



- Encapsulated in a rugged polyurethane shell
- Waterproof - meets MIL-STD-810E salt fog
- Suitable for outdoor and marine applications
- Crush, impact, and abrasion resistant
- Available in lengths up to 12 feet
- [4-lead fail-safe](#) wiring is standard

Applications - Detect impact or collisions on:

- Automatic guided vehicles
- Moving work platforms
- Large moving doors
- Mobile conveyors
- Telescoping equipment
- Passenger loaders

Specifications for Hercules Pressure-Sensitive Bumpers

Exterior Housing	Polyurethane
Recommended Voltage & Current	24 Vac or Vdc at 1.0 amps max.
Environment	-10 to 155°F (-23 to 68 °C) Waterproof per MIL-STD-810E salt fog
Colors	Black is standard, other colors available on request