



**SENSING – SWITCHING
SIGNALING - CONTROL**

Pressure-Sensitive Bumpers

For protection of equipment and personnel
Standard products – Custom designs – Short lead-times

Pressure-sensing bumpers provide a large, compliant surface that protects both personnel and equipment by detecting contact or impact before damage is done. They are available in various sensitivities, profiles, colors, and lengths. Typical applications include mobile workstations, AGVs, conveyor systems, and large telescoping devices.

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

- Reinforced EPDM rubber cover is tear-resistant and chemical-resistant
- Activates with 10 lbs in ½” or less with over-travel of 3” or more
- Available in 4” and 7” widths, up to 7” high
- Easy bolt-on installation with adjustable bolt locations
- Available lengths of 6” to 10’



Hercules Versatile Sensing Bumpers – extra heavy-duty and waterproof

- Encapsulated in a rugged polyurethane coating for complete sealing
- Activates with 20 to 30 lbs of force with over-travel of at least 50%
- Abrasion, impact and crush-resistant for difficult environments
- Meets MIL-STD-810E salt fog test for outdoor or marine applications
- Available in lengths up to 16’



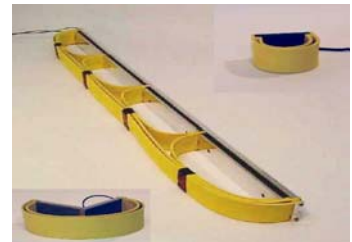
Bulldog AGV Sensing Bumpers – open-frame, high-sensitivity

- Specifically designed for collision sensing on AGVs
- Cantilever action has uniform high-sensitivity at all points
- Mechanical actuation eliminates false triggering
- Easy installation with no guide wires and tensioning adjustments
- Custom mounting and custom colors available



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

- Survives repeated severe impacts with no damage
- Activates with only 4 lbs of force for early detection
- Full sensitivity on curved bumper surfaces gives full protection
- Simple mounting with no guide wires and no adjustments
- Available in lengths from 4” to 16’



Custom Designs with Short Lead-Times – fast service, fast delivery

Options include:

- Multi-surface detection, multiple zones, high sensitivity
- Extra-large sizes, extra over-travel, corner designs
- Custom mounting features, quick disconnects

Compatible controllers are available for all Tapeswitch bumpers and fail-safe wiring is standard.



Tapeswitch is committed to serving you with products that meet your specific needs. Contact us today to discuss your requirements.