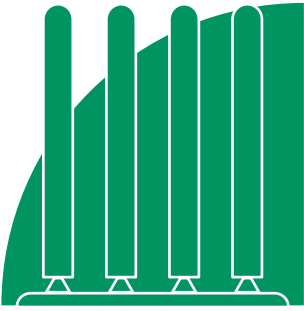




TRANSIT BARRIERS

Made to Protect
What Matters



Sentinel: A New Level of Safety for the Transit Industry

The patented Sentinel Between Car Barrier (BCB) System was developed to address platform safety issues experienced by the transit industry. Compatible with various car configurations, plus the flexibility for emergency egress, Sentinel is designed to alert visually impaired riders that the space between the cars is not a door opening, thereby deterring them from entering the area between the cars and falling to the rails below.

Sentinel BCB is ideal for rail transportation systems that have elevated platforms and level boarding conditions with consistent rail car length. Its modular design allows for easy customization of rail lengths and post heights that meet situational and local legislative requirements. Uprights are also available with retro-reflective sheeting.

Sentinel is the only platform-mounted between-car barrier system that fulfills the safety requirements mandated by the Federal Transit Administration for Metropolitan Transit Authorities.

The Americans with Disabilities Act (ADA) and the Federal Transit Administration (FTA) require transit agencies to take steps to ensure the visually impaired patrons do not fall from the elevated platform to the trackway below in the space between the train's coupled vehicles.

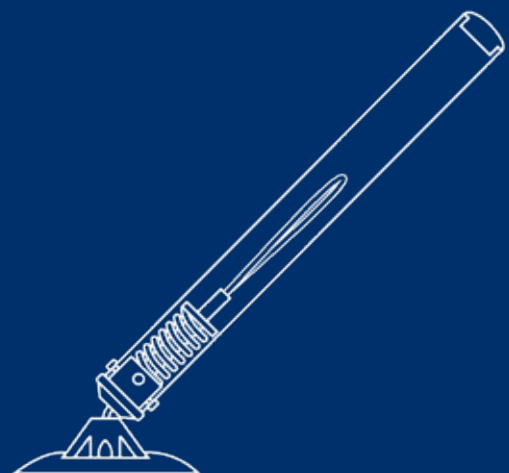


Emergency Access Reactive Spring Technology

Built into every Sentinel BCB upright is our patented reactive spring system. A unique compression spring assembly concealed within each post offers optimal strength to support our flexible uprights while allowing them to remain traversable.

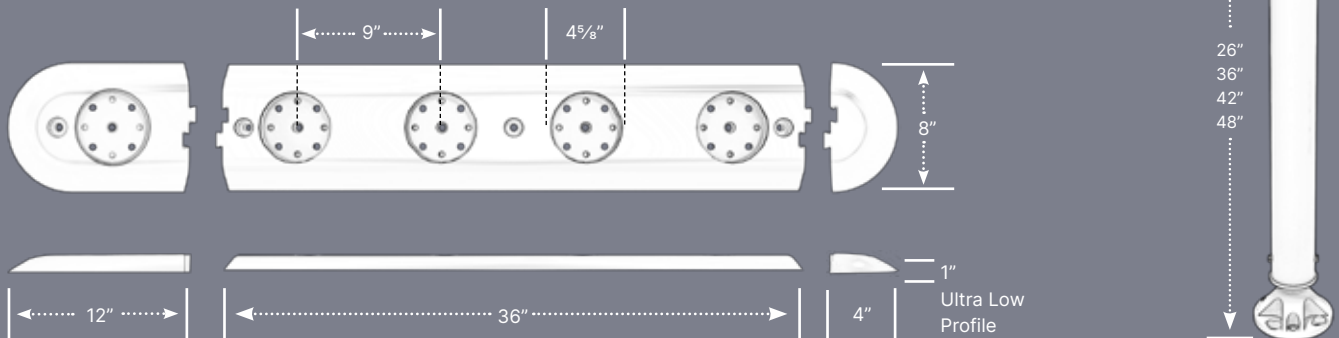
In the case of an emergency, or should the train experience errant docking, our Sentinel posts allow wheelchairs, motorized carts, or maintenance vehicles to roll over them. Once crossed, the internal spring mechanism returns the post to its original, upright position for uninterrupted, lasting protection.

This lightweight, surface-mounted rail protective system is quickly and easily installed using common tools and anchors. Once secured, the unit is instantly operational.



Sentinel Product Specifications

Sentinel features interconnecting rail and end-piece components making custom solutions simple and cost-effective. Build a protective barrier according to individual station needs.



Benefits

Sentinel BCB is comprised of a proprietary blend of materials that satisfy the mechanical, cosmetic and fire retardant requirements for metropolitan transit authorities.

Flammability

Meets UL94 V-0 Fire Rating Standard

Chemical Resistance

Provides Delta E measurements of two

Weathering

Accelerated weathering tested according to ASTM G 26 2500kl. Minimum gloss retention level of 60% after four years of weathering

Rail Height

1" ADA Compliant. Sentinel's ultra low-profile rail was developed to minimize trip hazards.

Traversability

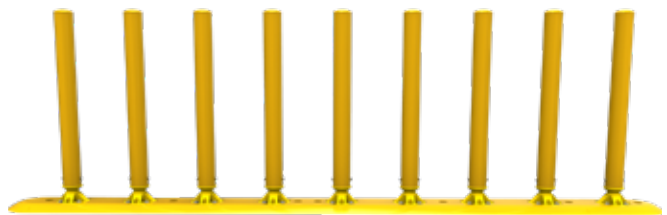
Posts are traversable to allow wheelchairs or motorized carts to roll over them in case of train docking errors or emergencies

Minimal Connection Points to Platform

Addresses electrical conductivity concerns within the platform. Only three anchors per rail.

Theft Resistance

All hardware, except anchors, is tamper resistant



View Product Details



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The products mentioned in this document are covered by the following U.S. and International patents: 7,195,422 | 7,621,691 | D937,700 | D620,823 | D620,824 | D620,825 | EP 2 267 225 | EP 2 888 412 | 9,938,677 | 11,136,735 | D932,875. Other U.S. and International patents pending.