

The Median-Alert is designed to dramatically improve the night-time visibility of medians and other roadway structures.

The Median-Alert is used when medians and other fixed structures are used in the roadway system for lane division and access control. Such roadway structures, if not adequately visible to the motorist, can potentially present hazards to both the motorists and pedestrians.

The Median-Alert is used for traffic circles, pedestrian refuges, turn lanes, turn drop lanes, intersections, "tee" intersections, interchanges, transitions, channelizations, physical gores and other areas where curbs, islands or medians are present.

Median-Alert is easily and securely attached to the top of the median or curbed structure using a combination of high-performance pressure sensitive adhesive and concrete screws.

The Median-Alert provides excellent visual delineation of the full width of the structure under most all roadway lighting and weather conditions. By improving the structures visibility, the Median-Alert reduces both direct and lateral impacts, resulting in less vehicular and property damage and pedestrian endangerment.

The Median-Alert's unique and purposeful design results in a superior method of visual delineation to current practices. It can be used as a stand-alone delineation device or part of a complete delineation system of signage, delineator posts and/or retroreflective paint.

Current practices include the use of signs, vertical delineator posts, raised pavement markers and paint with reflective elements. The Median-Alert is thousands of times brighter and more durable than paint with glass elements. The Median-Alert provides full radius visual delineation and has 30% more retroreflective surface than standard vertical delineator posts. The Median-Alert, unlike raised pavement markers, is mechanically fastened to the surface and provides uniformed and continuous retroreflectivity no matter the angle of the curbing.



Features:

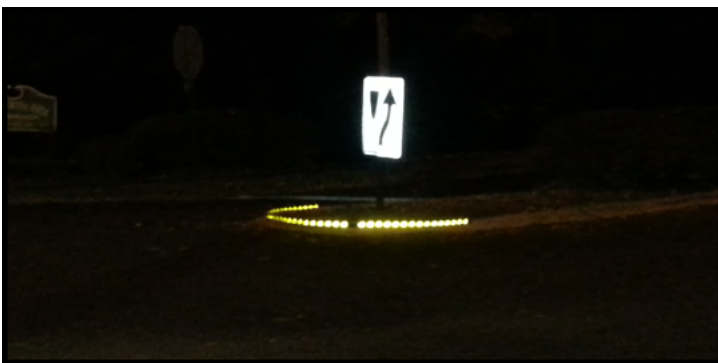
Visible and Effective

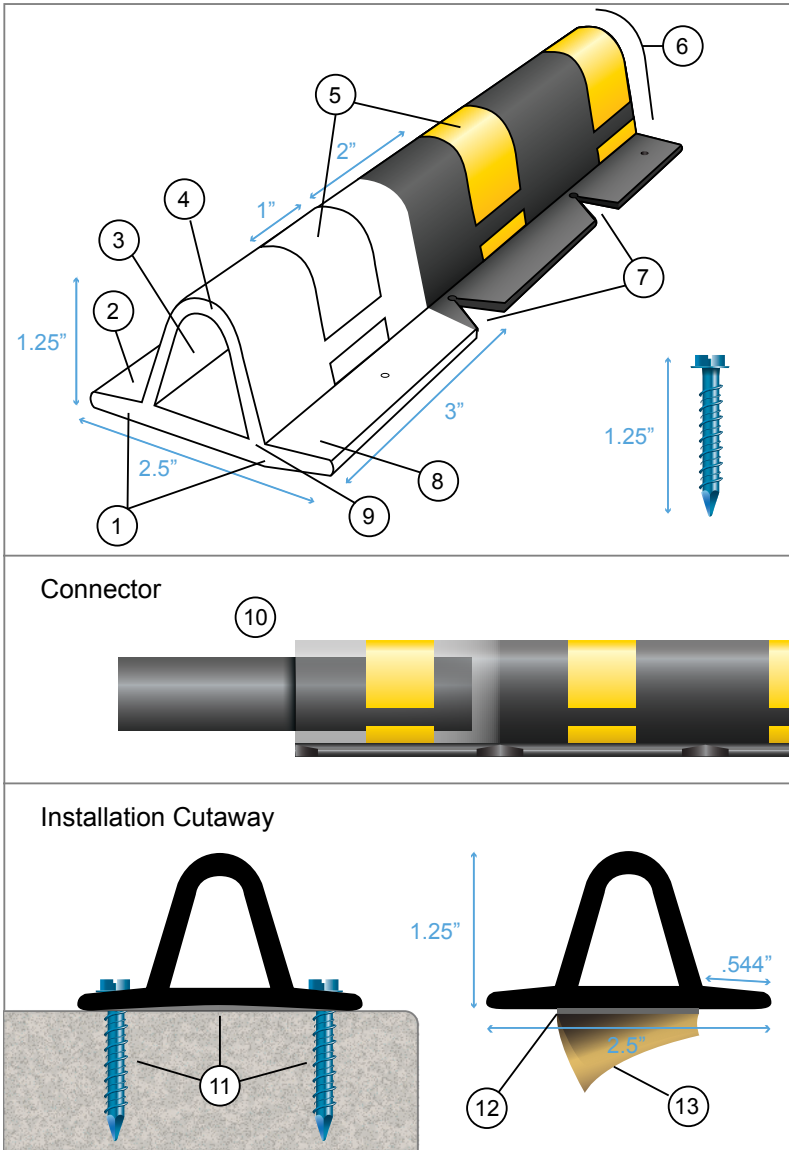
- More reflective surface than vertical delineators
- As a horizontal delineator it provides a clear distinct visual cue of the median's width to motorists
- 1000's of times brighter than that of paint and glass beads
- Raised retroreflective device provides all weather visibility
- Contrasting color for greater day and night visibility
- Utilizes retroreflective directional engineering to provide Delineation without Distraction
- Flanged D-Shape design for secure anchoring and effective visibility



Flexible and Durable

- Flexible elongated design can adapt to most any radius
- Low profile, rebound-able structure reduces damage to device and vehicle resulting from impact
- Innovative UV-resistant PVC compound withstands wide temperature ranges
- Contains 50% post-industrial waste – Good for the road and good for the environment
- Simple and secure installation using both mechanical and adhesive fastening systems
- Abrasion, chemical and impact resistant retroreflective sheeting





General:

Preformed high-performance, flexible, retroreflective horizontal delineator. Elongated design to provide for full width delineation of fixed roadway structures for improved all-weather visibility and safety in both day and night conditions.

- ① Flexible continuous elongated spline
 - 1.1. (Uniformed full width visibility)
- ② Outer Flange
 - 2.1. (stability, durability and attachment security)
- ③ Hollow channel through protrusion
 - 3.1. (Rebound ability and connect ability)
- ④ Flexible continuous D-shaped semi-circular protrusion
 - 4.1. (Uniformed full width visibility)
- ⑤ Spaced apart abrasion resistant retroreflective strips
 - 5.1. (Durable contrasting day and night visibility)
- ⑥ Retroreflective strips surrounding protrusion from outer to inner flange
 - 6.1. (180 degree retroreflectivity)
- ⑦ V-shaped notch with circular stress relief vertex
 - 7.1. (Flexibility and durability)
- ⑧ Inner Flange
 - 8.1. (stability, durability and attachment security)
- ⑨ Flexible protrusion and spline integrally formed
 - 9.1. (Durability and uniformity)
- ⑩ Male connector extends into channel frictionally engaging protrusions
 - 10.1. (Visual uniformity from one device to next)
- ⑪ Attached by pressure sensitive butyl elastomer adhesive and Concrete Screws through Inner and outer flange attachment holes
 - 11.1. (Attachment security and durability)
- ⑫ Pressure sensitive high-performance butyl elastomer adhesive
 - 12.1. (Attachment ease and security)
- ⑬ Peel away backing
 - 13.1. (Attachment ease)

Structure:

Flexible Polyvinyl Chloride, black in color; 50% recycled post-industrial PVC.

Specification:

- Hardness : (Durometer A +/- 3, 15) 84 D2240
- Specific Gravity: (+/- .02) 1.35 D792

Dimensions:

- Length: (+/- .5in) 48in
- Width: (+/- .25in) 2.5in
- Height: (+/- .25in) 1.25in

Temperature Resistance:

Installation: Product temperature of +50°F surface temperature of +40°F

Function: Ambient and surface temperature range of -15°F to +150°F

Markings:

16 discontinuous 1in wide Type V retroreflective, abrasion, solvent and impact resistant strips. White or yellow in color.

Anchors:

Adhesive Strip: 48in x 1.25in hybrid polyisobutylene (Butyl) adhesive strip. Primarily for initial setting of device.

Mechanical Anchors: 17^{3/16}in x 1.25in corrosion-resistant concrete screws. For permanent installation of device.