

MedianAlert™

Retroreflective
MedianAlert™ System



**OFFERING A SAFE, SMART
AND SIMPLE
LIFE-SAVING DEVICE ...**

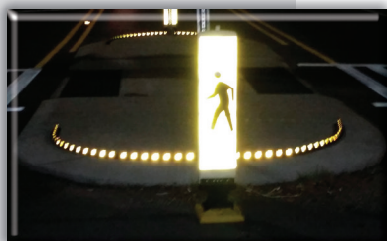
The MedianAlert™



PPP, Inc.

9957 Moorings Drive,
Suite 301,
Jacksonville FL, 32257

www.AlertBrands.com
888.717.7771



Pedestrian Refuge



Barrier Wall



Roundabout



FEATURES AND BENEFITS

The MedianAlert™ is designed to dramatically improve the nighttime visibility of medians and other roadway structures. A flexible, elongated retroreflective device that visually alerts the motorist of the structure's presence as well as a clear and concise message of its size and shape.

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 motorists and pedestrians.

THE MEDIANALERT™ CAN IMPROVE THE SAFETY OF MEDIAN STRUCTURES FOR:

- Traffic circles
- Pedestrian refuges
- Turn lanes
- Turn drop lanes
- Intersections
- "Tee" intersections
- Interchanges
- Transitions
- Channelizations
- Concrete barrier walls
- Physical gores and other areas where curbs, islands or medians are present



SAFE

- As a horizontal delineator, the MedianAlert™ provides a clear, distinct visual cue of the median's width to motorists
- Utilizes retroreflective directional engineering to provide delineation without distraction
- Low-profile, reboundable structure reduces damage to device and vehicle during impact



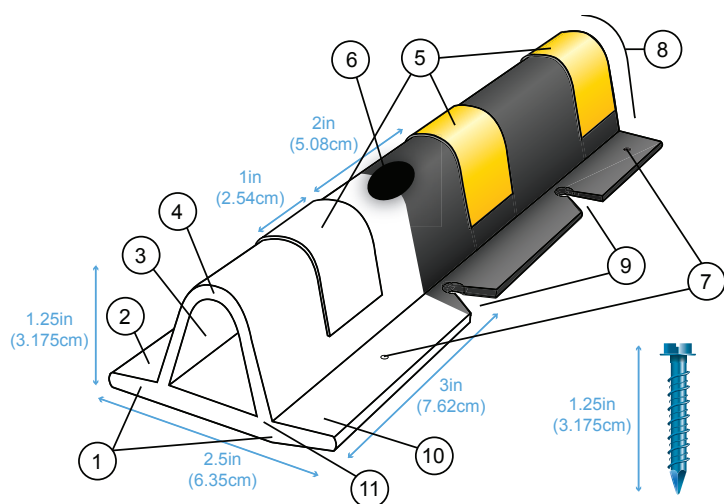
SMART

- Independent visual system with dynamic effect that requires no power or maintenance
- Innovative UV-resistant PVC compound withstands wide temperature ranges
- Flexible, elongated design can adapt to many radiuses
- Environmentally-friendly, containing more than 50 percent post-industrial waste



SIMPLE

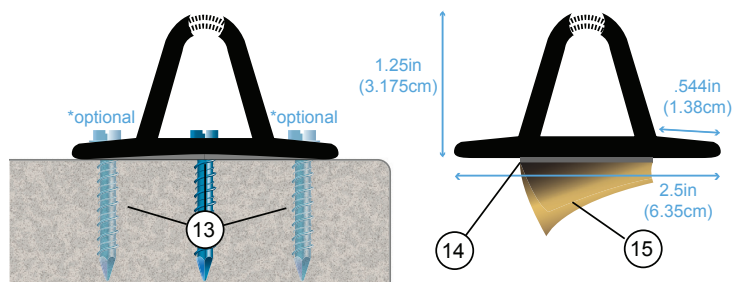
- Secure installation with both mechanical and adhesive fastening systems
- Fast and easy install in less than 15 minutes
- Durable structure and attachment design, requiring little to no maintenance



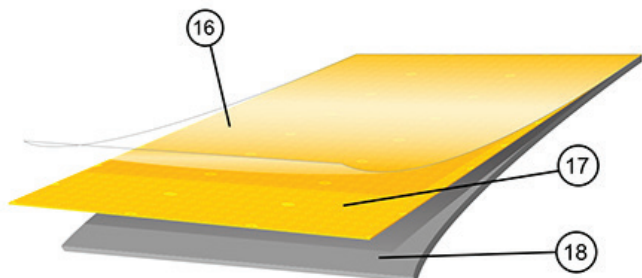
Connectors



Installation Cutaway



Composite Retroreflective Elements



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

- 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 Evenly spaced composite retroreflective elements
 - 5.1. Durable contrasting day and night visibility
- ⑥ Pre-drilled access holes
 - 6.1 For center anchoring
- ⑦ Pre-punched pilot holes
 - 7.1 For optional and additional anchoring
- ⑧ Composite retroreflective elements surrounding protrusion
 - 8.1. 180° retroreflectivity
- ⑨ V-shaped notch with circular stress relief vertex
 - 9.1. Flexibility and durability
- ⑩ Inner flange
 - 10.1. Stability, durability, and attachment security
- ⑪ Flexible protrusion and spline integrally formed
 - 11.1. Durability and uniformity
- ⑫ Male connector extends into channel, frictionally engaging protrusions
 - 12.1. Visual uniformity from one device to next
- ⑬ Attached by pressure-sensitive butyl elastomer adhesive and concrete screws through inner and outer flange attachment holes
 - 13.1. Firmly attaches and ensures durability
- ⑭ Pressure-sensitive, high-performance butyl elastomer adhesive
 - 14.1. Attaches securely with ease
- ⑮ Peel away backing
 - 15.1. Ease of installation
- ⑯ Abrasion resistant coating
 - 16.1 Protection from the elements and occasional vehicular impacts
- ⑰ High visibility micro-prismatic retroreflectivity
 - 17.1 Nighttime retroreflectivity
- ⑱ Flexible high-strength adhesive membrane
 - 18.1 Composite retroreflectivity element flexibility

Temperature Resistance:

Installation: Product temperature of +50°F (10°C)
Surface temperature of +40°F (4°C)

Function: Ambient and surface temperature range of -15°F (-26°C) to +150°F (65°C)

Markings:

16 discontinuous 1-in. (2.54-cm.) wide composite retroreflective elements. These elements contain Type V retroreflective, abrasion, solvent and impact resistant, micro-prismatic strips with a flexible high-strength adhesive membrane. Available in white or yellow in color.

Anchors:

Adhesive Strip: 48-in. (121.92-cm.) x 1.25-in. (3.175-cm.) hybrid polyisobutylene (butyl) adhesive strip. Primarily for initial setting of device.

Mechanical Anchors: 17-3/16-in. (.48-cm.) x 1.25-in. (3.175-cm.)
Corrosion-resistant concrete screws. For permanent installation of device.

Dimensions:

• Length: (+/- .5-in. (1.27-cm.))	48-in. (121.92-cm.)
• Width: (+/- .25-in. (.635-cm.))	2.5-in. (6.35-cm.)
• Height: (+/- .25-in. (.635-cm.))	1.25-in. (3.175-cm.)

