



Island Alert Curb Reflector Material Specifications

1) Design

The curb reflector shall consist of an L-shaped marker a minimum of two (2) inches tall by one (1) inch deep, with 0.060 inch (min.) walls, comprised of a base and an upright vertical reflector with a protective rib running the length of the top of the marker. All tab reflectors shall be constructed of UV-stabilized thermo-plastic polyurethane (TPU) for superior durability, conforming to the following material specifications:

| Property | ASTM Test | Results |
|-------------------------------------|--------------|---------|
| Specific Gravity (min.) | D 792 | 1.10 |
| Hardness (min.) | D 2240 | 80 A |
| Tear Strength (min PSI) | D 624, Die C | 600 |
| Tensile Strength @ yield, (min PSI) | D 412 | 4,000 |
| Tensile Elongation @ break (min. %) | D 412 | 600 |
| Cold Temp. Impact Test (-7° F) | FL/DOT | Pass |

2) Color

The curb reflector body shall be constructed of 100 % urethane polymers and colors to ensure quality & performance. The standard body color shall be black.

3) Reflective Performance

Reflective tape one (1) inch wide shall be affixed along the top of the vertical upright portion of the marker underneath the protective rib on the inside face of the “L”. The tape shall be ASTM Type V abrasion-resistant, micro-prismatic flexible sheeting. Standard tape color shall be yellow, or white by special order. Retroreflective area shall be 48 square inches for the full curb reflector.

4) Pressure-sensitive Adhesive

All curb reflectors shall be self-adhesive, with a solid butyl rubber adhesive factory-applied to the entire length of the marker base. The butyl shall be a minimum of 0.125” thick and 0.75” wide on 1.0” wide release paper and of sufficient quality to secure the marker to the curb and retain its position without dislocation.

5) Lengths

Curb reflectors shall be supplied in nominal 48-inch (1200 mm) lengths.

6) Packaging

Curb reflectors shall be packed ten (10) units per box.



7) Quality Assurance

All curb reflectors shall be manufactured by an ISO 9001 approved factory. Certification of acceptance must be supplied by the manufacturer upon request.

8) Manufacturer

The device above is manufactured by Pexco/Davidson Traffic Control Products, Tacoma, WA, USA, phone 1-877-335-4638, email hwysales@pexco.com