

# SAFE-HIT Snap-It/Wrap-It™ Reflector GENERAL SPECIFICATIONS

## I. GENERAL

All SAFE-HIT Snap-It/Wrap-It Reflector Assemblies shall be designed and manufactured by Energy Absorption Systems, Incorporated, of Chicago, Illinois.

## II. DESCRIPTION

### A. General

The SAFE-HIT Snap-It/Wrap-It Reflector Assemblies are quickly and easily attached to virtually any sign post without fasteners or tools, providing up to full 360° visibility. The Snap-It model snaps around many posts types including U-channel sign posts and is available in a variety of reflective sheeting and decal options. The Wrap-It model wraps round posts of any size and profile, providing maximum reflective surface area, available in right or left-hand hazard warning patterns.

### B. Component Description

#### **Polyethylene Tube**

- Extruded linear low density polyethylene having inner and outer layers shall meet the following physical properties:
  - Density: 0.917 – 0.923 g/cc
  - Tensile Strength at yield: 1500 +/- 100 psi
  - Elongation at break: 500 +/- 100%
  - Inner layer thickness: .070 +/- 0.002 in
  - Outer layer thickness: 0.017 +/- 0.004 in
- Diameter: 2.21” (uninstalled)
- Height: varies from 1–6’
- Standard colors (outer layer): Red, Orange, Yellow, Green, Blue, Black, Brown, Tan, Dark Gray, Light Gray, and White

#### **3M Reflective Sheeting**

- High Intensity Grade, Long Distance Performance (LDP) Series Diamond Grade, or Fluorescent Diamond Grade
- Width: varies from 1” to fully reflectorized
- Vertical wrap or horizontal bands
- Left or right-hand hazard warning pattern
- Standard colors: Red, Orange, Amber, Green, Blue, and White
- Fluorescent colors: Orange, Yellow Green, and Bright White
- Brightness (white): varies from 250–800 Candlepower