

# SAFE-HIT® DURA-POST® SURFACE MOUNT POST ASSEMBLY GENERAL SPECIFICATIONS

## I. GENERAL

All SAFE-HIT DURA-POST Surface Mount Post Assemblies shall be manufactured by Energy Absorption Systems, Incorporated, of Chicago, Illinois.

## II. DESCRIPTION

### A. Heavy Duty Delineator Post

SAFE-HIT Part Number SHL36SMR--XX

- Injection molded thermoplastic polyurethane shall meet the following physical properties:
  - Specific Gravity: 1.20
  - Ultimate Elongation: 500 %
  - Ultimate Tensile Strength: 5500 psi
  - Hardness: 55 +/- 5 Shore D
  - Tear Strength: 680 lb<sub>f</sub>/in
  - Diameter: 3"
  - Height: 36"
  - Standard Colors: Yellow, Orange, White
  - Patented one-piece design with tapered wall thickness

### B. 3M High Intensity Grade Reflective Sheeting

- Horizontal Bands
  - (1, 2 or 3) 3" wide x 9 3/4" long horizontal bands per post assembly
- Vertical Strips
  - (1 or 2) 3" x 12" vertical strips per post assembly
- Colors: Silver or Amber
- Brightness: 250 Candlepower

### C. DURA-POST Surface Mount Base

SAFE-HIT Part Number SLSMA---BL

- Injection molded high-impact polystyrene
- Base shall be one color throughout
- Color: black
- Includes cold finished aluminum retaining pin for locking post in base

## III. PERFORMANCE

Installed with the pin perpendicular to traffic, the SAFE-HIT DURA-POST Surface Mount Post Assembly withstands in excess of 200 vehicle impacts at 60 mph.



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