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|------------------|----|----|----|
| Parking Bumpers  | 32 | 17 | 13 |
| Vehicle Barriers | 34 | 71 | 13 |

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## Post Guard Bollard Covers

Encore Commercial Products, Inc.  
 24370 Northwestern Hwy Ste 250  
 Southfield, MI 48075  
 Phone: 866-737-8900  
 Phone: 248-354-4090  
 Fax: 248-354-4095  
[www.postguard.com](http://www.postguard.com)

Encore Commercial Products is committed to providing the most colors, sizes and designs of bollard covers. The company has become one of the largest full service bollard cover companies in North America.

This specifies high density plastic bollard sleeves. This product is manufactured by Encore Commercial Products, Inc. Revise spec section number and title below to suit project requirements, specification practices and section content.

Section 32 17 13  
**Parking Bumpers**  
 Section 34 71 13  
**Vehicle Barriers**

### Part 1 GENERAL

#### 1.01 Summary

- A. Post Guard polyethylene plastic pipe sleeves for steel pipe bollards. Manufactured by Encore Commercial Products, Inc.

#### 1.03 SYSTEM DESCRIPTION

##### B. Performance Requirements

1. High molecular weight material. Designed for optimum balance of density, molecular weight and molecular weight distribution demonstrating maximum property advantages for large products that require high impact resistance.
2. Ultraviolet Protection Additive. Five (5) Year UV stabilizer package. Warranty 5 Years.
3. Thickness Nominal wall thickness will be 0.125 inch
4. Abrasion Resistant
5. Environmental Stress Cracks Resistant
6. Reflective Tape: Each Post Guard has 2 strips of 3M Series Reflective tape recessed on the part 5.875 inches apart
7. Flexural Modulus: 200,000 psi
8. Tensile Strength: 4,000psi

#### 1.06 DELIVERY, STORAGE & HANDLING

- A. Product ships from inventory, typical ship date is 24 to 48 hrs. Contractor shall place order in a timely fashion to ensure construction schedule is not adversely impacted.
- B. Delivery: Deliver materials in manufacturer's original, unopened, undamaged containers with identification labels intact

## Part 2 PRODUCTS

### 1.01 BOLLARD SLEEVES

A. Manufacturer: Encore Commercial Products, Inc.

1. Contact: Customer Service 24370 Northwestern Hwy. Suite 250 Southfield, MI 48075 1-866-737-8900; 248-354-4090; Fax: 248-354-4095; website: [www.postguard.com](http://www.postguard.com). Manufactured in the United States of America

### 2.02 MATERIALS

Specifier Note: Select diameter, color and tape color. Custom lengths are available. Contractor shall be responsible for giving accurate dimensions to Encore at the time of ordering or may cut the cover to fit at the job site. Sleeve height will be from the top of the surrounding pavement to the top of the exposed pipe.

A. HDPE and LDPE Polyethylene

1. Size (4.5" Diameter by 52" Long ); (7" Diameter x 60" Long); (8 7/8" Diameter by 72" Long); (10 7/8" Diameter x 60" Long); (4.5" x 4.5" x 55" Long); (6.5" x 6.5" x 55" Long) (Decorative available upon request)
2. Standard colors: Yellow, White, Blue, Red, Black, Gray, Green, Orange, Brown, Beige
3. Tape colors are Red, White, Yellow, Black, Green and Blue

## Part 3 EXECUTION

### 3.02 EXAMINATION

- A. Verify the steel pipe cores are set true, correctly aligned and well anchored in below grade concrete encasement.
- B. Fill Cores with concrete and strike level across the top of pipe.

### 3.03 INSTALLATION

- A. Center two foam strips (included) over bollard. Slide the Post Guard over the bollard and foam will expand for a snug fit.

