

## O-Frame Parade-style Barricade Leg Material Specifications

### 1) Description

Parade-style barricade legs and boards shall meet the requirements of the Manual on Uniform Traffic Control Devices. The barricades are to be used as temporary channelizing devices in construction or maintenance operations and configured to meet Type I, II or Type II ADA-compliant requirements.

### 2) Design

The Parade-style barricade leg shall be a minimum of 40 inches tall and 28 inches wide, creating an A-shaped structure with four (4) slots to accept barricade panels and one (1) hole to accept a barricade light. Two of the slots shall be centrally positioned such that the top of the top panel is at least 36 inches above the ground, and the bottom of the lower panel positioned directly below is no more than 6 inches above the ground; these two slots shall accommodate either 1 x 8-inch or 2 x 8-inch panels. Each leg shall be provided with one (1) slot in the lower portion which accommodate insertion of a 1 x 8-inch panel such that the bottom of the panel is no more than 2.5 inches above the ground and the outside of the panel no greater than 4.0 inches from the outside tip of the leg. The leg shall be solid construction with no voids, gusseted throughout to increase strength and stability, and made of high-impact polyolefins conforming to the following material specifications:

Property	ASTM Test	Results
Specific Gravity (min.)	D 1505	0.95
Hardness (min.)	D 1525	60 D
Tensile Strength, PSI @ break	D 638	5,000
Elongation @ break, %	D 638	800
Flexural Stiffness	D 638	100,000
Low Temperature, Brittleness Point	D 746	- 76 degrees F

### 3) Materials and Color

Parade-style barricade legs shall be constructed of UV-stabilized polymers and colors. The color shall be solid white throughout and stabilized to resist UV degradation.

### 4) Weight

Parade-style barricade legs shall be a minimum of 6.0 # in weight. Ballast for the leg shall be external and optional.

### 5) Packaging

Parade-style barricade legs shall be packaged in pallets of 50 pieces.

### 6) MUTCD & ADA Compliance

The Parade-style barricade system (two legs and one or two panels) shall meet requirements of Section 6F.68 Detectable Edging for Pedestrians of the 2003 Edition of the MUTCD, with the bottom panel no greater than 2.5 inches above the ground and no portion of the barricade protruding more than 4.0 inches away from the bottom panel. Certifications of acceptance to these standards must be supplied upon request.

### 7) NCHRP 350 Acceptance

The Parade-style barricade system (two legs and one or two panels) shall meet requirements for **Category 2** devices as specified in **NCHRP Report # 350**. All barricade products shall have the acceptance of the U.S. Department of Transportation, Federal Highway Administration. Certifications of acceptance to these standards must be supplied upon request.



8) Warranty

Parade-style barricade legs and panels shall be covered by warranty for a minimum of three (3) years from the date of purchase covering breakage of the panels and legs and adhesion of the reflective sheeting to the panels; a copy of the manufacturers' warranty document shall be provided by the upon request.