

# Multi-Barrier™

## Model AR-10x96 Specification



<b>Type:</b>	Multi-Barrier™ Safety Barricade Model AR-10x96
<b>Standard Colors:</b>	Orange and White - Also available in custom colors
<b>Composition:</b>	High Impact, UV-Resistant Polyethylene
<b>Size:</b>	Height: 10" / 254 mm Length: 96" / 2438 mm Width: 10" / 254 mm Wall: .20" / 5 mm Mass: 28 lb. / 12.7 kg (empty)

- Optional Accessories:**
- Warning flag can be used in pre-molded hole.
  - Stanchions can be utilized with snow fencing or barricade rail to create Type III barricades.
  - 6" x 72" reflective striping.
  - U-Connector creates vandal-proof interlocking longitudinal walls.
  - Compatible with other Multi-Barrier™ models to create walls of varying height.
  - Optional tamper-resistant screws hold advertising or warning signs in vandal-prone areas.
  - Flashing solar or battery-powered lights.

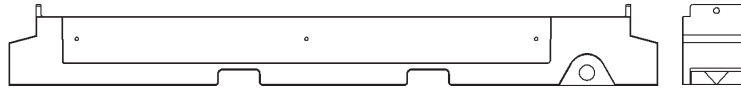
- Sample Generic Specification:**
- Barricade must be of resiliently deformable and non-conductive material.
  - System must be modular to assemble/disassemble, and nest for compact storage.
  - The barricade shape must be low enough not to interfere with air traffic.
  - Barricade must allow for 6"x 72" corrugated plastic reflective, directional, or warning signs on both sides.
  - System must be able to maintain a continuous enclosure.
  - Barricade must be designed to prevent access to hazardous work areas and/or runways by forming a continuous wall.
  - Barricade must be brightly colored for high visibility.
  - The barricade must offer a vandal-proof locking mechanism.

**Scope of Service:** The intent of these specifications is to describe a portable plastic water-ballast barricade designed to delineate runways and airfield construction zones. Weighs 30 pounds when empty and 340 pounds when completely filled with water. Low-profile barricade replaces railroad-tie fabrications, drums, and flasher-barricades. FOD-free, jet-blast tested. Light, signage, and stanchion compatible. Stackable and easy to ship and store. Made from recyclable polyethylene plastic and available in safety orange, safety yellow, white, and custom colors. U-connector allows barricades to be physically bolted together to form a tamper-proof inseparable wall.

*These specifications describe a Multi-Barrier™ Model AR-10x96 safety barricade. Equivalent traffic control safety barricades will be considered. It is the responsibility of the bidder to document and certify the equivalence of his/her product. Final determination of equivalency will be by the municipality. Use of these specifications is for the purpose of describing the standard of quality, performance and characteristics required, and is not intended to limit or restrict competition.*



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**Material:** ISO 9000 Quality Manufactured 100% Recyclable LLDPE Polyethylene.

**Physical Properties and Specifications:**

Multi-Barrier products are manufactured from LLDPE (Equistar 625). LLDPE exhibits excellent environmental stress crack resistance, low temperature impact strength, and excellent UV resistance. Requires minimum fill, potassium acetate or calcium chloride in low temperature conditions. Call for specifications.

	Test Procedure	Units	MP-625
Density	ASTM D-1505/D-4883/D-792 or ISO 1183, Method D	g/cc	0.935
Melt Index	ASTM D-1238 Condition 2.16, 190 or ISO 1133	g/10 min	5
ESCR Cond. A, F50	ASTM D-1693 100% Igepal 10% Igepal	hrs.	>1,000
		hrs.	350
ARM CTL. ESCR	10% Igepal	hrs.	
Flexural Modulus	ASTM D-790 at 1% Strain  ISO 178	psi	87,200
		Mpa	600
Tensile Strength at Yield	ASTM D-638, Type IV specimen 2" per minute @ .125" thickness  ISO 527-2, Type 1B	psi	2,490
		Mpa	17.1
		Mpa	
Heat Distortion Temperature	ASTM D-648  66 psi (4.64 kg/cm <sup>2</sup> ) 264 psi (18.56 kg/cm <sup>2</sup> )  ISO 75-2 4.5 kg/cm <sup>2</sup> 18.00 kg/cm <sup>2</sup>	Celsius	52
		Celsius	39
		Celsius	
ARM Low Temp. Impact, -40 C	1/4" (6.35 mm) specimen	ft. lbs.	150
		Joules	203
Meets FDA Requirements	Yes/No	Yes	
UV-Stabilized	Yes/No	Yes	

*The information on this data sheet is, to our best knowledge, true and accurate. However, since the actual conditions of use and the specific uses of our products are beyond our control, the user necessarily assumes all risks of such use(s).*



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