

# WATERCADE™

## WC-02 PRODUCT SPECIFICATIONS

<b>Description:</b>	Water-filled barricades for Traffic Safety & Construction.
<b>Size:</b>	<b>Height:</b> 42” <b>Width:</b> 45” <b>Base Depth:</b> 23.5” <b>Wall:</b> .156” <b>Weight (empty):</b> 44 lbs. <b>Weight (full):</b> 760 lbs. <b>Water Capacity:</b> 88.3 gallons
<b>Material:</b>	High Impact, UV-Resistant, High Density Polyethylene.
<b>Colors:</b>	Safety Orange and White.
<b>Features:</b>	a) Manufactured by a blow-molding process – producing a 2.5 times stronger product than rotational molding. b) Designed to withstand impacts up to 65 m.p.h. c) Pre-molded display area can be utilized for interchangeable signage or with reflective material to create MUTCD type I / II barricades. d) Pre-molded attachment for flashing warning lights. e) Can be utilized to create a fence or to create Type III barricades. f) Vandal-proof connection creates interlocking longitudinal walls in almost any angled configuration.
<b>FHWA Acceptance:</b>	WZ-200, WZ-214
<b>NCHRP-350:</b>	Test Level 3 – Pass
<b>MUTCD:</b>	6F.66
<b>Density:</b> ASTM D-4883	0.950 g/cc
<b>Melt Index:</b> ASTM D-1238	10.0 g/10 min
<b>Flexural Modulus:</b> ASTM D-790 (Tangent Method 1)	165,000 psi
<b>Tensile Strength:</b> ASTM D-638 (2” per minute)	4,390 psi
<b>Elongation:</b> ASTM D-638 (2” per minute)	> 800% @ Break
<b>Heat Distortion:</b> ASTM D-648 (66 psi)	70° Celsius

## ACCESSORIES

- Warning Lights: WC-L1:**
- Compatible with WC-01-10, WC-01-24, WC-02
  - Solar warning light (360°)
  - Lens – High impact polycarbonate
  - Color – Red
  - 5.5” H, 5.25” W, 10.8 oz
  - Runs for 72 hrs (when fully charged)
  - Flashes 65+/-10 times per minute for temperatures between -4° F to 149° F (-20° C to 65° C)

- WC-L2:**
- Compatible with WC-01-24, WC-02 & WC-03
  - Solar hazard flashing light (2 sided)
  - Lens – Shock resistant heavy-duty polycarbonate plastic
  - Color – Red or Amber
  - 13.5” H, 8” lens diameter, 8.3 oz
  - Brightness – High brightness LED 6000 mcd
  - Runs for 110 hrs (when fully charged)
  - Flashes 65+/-10 times per minute for temperatures between -20° F to 150° F (-29° C to 66° C)

**Warranty:** 3 years.

