

# WATERCADE™

## WC-01 PRODUCT SPECIFICATIONS

**Description:** Water-filled low-profile barricade ideal for airports, landing fields & anywhere that requires a barricade under 24”.

| <b>Size:</b>           | <b><u>WC01-10</u></b>   | <b><u>WC01-24</u></b>   |
|------------------------|-------------------------|-------------------------|
| <b>Height:</b>         | 10”                     | 24”                     |
| <b>Width:</b>          | 96” (84”when connected) | 96” (84”when connected) |
| <b>Base Depth:</b>     | 10”                     | 14”                     |
| <b>Wall:</b>           | .20”                    | .15”                    |
| <b>Weight (empty):</b> | 28 lbs.                 | 37 lbs.                 |
| <b>Weight (full):</b>  | 260 lbs.                | 785 lbs.                |
| <b>Water Capacity:</b> | 28.6 gallons            | 92.2 gallons            |

**Material:** High Impact, UV-Resistant, High Density Polyethylene.

**Colors:** Safety Orange and White.

**Features:**

- Manufactured by a blow-molding process – producing a 2.5 times stronger product than rotational molding.
- Low-profile barricade designed especially for airports to delineate runways and airfield construction zones.
- Can be utilized to create a fence or to create Type III barricades.
- Designed to withstand heat from jet blasts.
- Pre-attached 6”x72” orange and white reflective, high intensity striping on each side (optional).
- Pre molded to accommodate up to two flashing lights (WC01-24 accommodates only 1 light).
- 2 warning flags can be used in pre-molded holes (optional) (WC01-10 only).
- Vandal-proof connection creates interlocking longitudinal walls in almost any angled configuration.
- Can be repositioned using a forklift.

**FAAAC:** Meets the min. requirement

**FHWA Acceptance:** A/C 150/5370-2E

**Density:** 0.950 g/cc  
ASTM D-4883

**Melt Index:** 10 g/10 min  
ASTM D-1238

**Flexural Modulus:** 165,000 psi  
ASTM D-790 (Tangent Method 1)

**Tensile Strength:** 4,390 psi  
ASTM D-638 (2” per minute)

**Elongation:** > 800% @ Break  
ASTM D-638 (2" per minute)

**Heat Distortion:** 70° Celsius  
ASTM D-648 (66 psi)

**FDA Requirements:** Meets

## 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.



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