

Product Data Sheet

No. **41240** - 03/12

LED SAFETY VEST

PRODUCT NUMBERS: 1241 - FLUORESCENT YELLOW - LARGE
 1242 - FLUORESCENT YELLOW - X-LARGE
 1243 - FLUORESCENT YELLOW - XX-LARGE



I. GENERAL DESCRIPTION

Description: The Aervoe LED Safety Vest is made of a 100% Polyester high-visibility mesh material. A heavy-duty metal zipper secures the front closure and the sides are adjustable with hook and loop straps. Two vertical 2" reflective stripes run front to back over the shoulders and one horizontal stripe runs across the waist. 8 LED lights are embedded in the vertical reflective tape on the front and back of the vest. 2-AA batteries are required to operate the LED lights (not included).

Benefits: This vest is appropriate for moderate-risk environments including poor weather conditions and traffic approaching over 25 MPH. The LEDs increase visibility from just reflective tape alone.

Application: Surveying, highway and road construction, utility work, and emergency response.

Directions: Remove battery housing from the inside pocket located on the front left side of the vest. Slide the cover open until it stops. Insert 2-AA batteries and close the cover. Turn the lights on and off by pushing the button located on the end of the battery housing and return to the inside vest pocket.

Cleaning Instructions: *Do not submerge to clean.* Spot treat fabric with soap and water. Air dry only. No not bleach, iron, or dry-clean.

Limitations: The reflective stripes and LED lights on this vest enhance visibility but cannot guarantee adequate visibility in all situations. Weather conditions, your surroundings, keeping the reflective material clean, and installing fresh batteries to power the LEDs will contribute to overall performance. Misuse and poor maintenance may reduce visibility and result in serious bodily injury.

Minimum areas of visible material - ANSI/ISEA 107-2010			
	Performance Class 3	Performance Class 2	Performance Class 1
Background material	1240 in ² (0.80 m ²)	775 in ² (0.50 m ²)	217 in ² (0.14 m ²)
Retroreflective or combined-performance material used in conjunction with background material	310 in ² (0.20 m ²)	201 in ² (0.13 m ²)	155 in ² (0.10 m ²)
Combined-performance material used without background material	N/A	N/A	310 in ² (0.20 m ²)
Minimum width of retroreflective material	2 in (50 mm)	1.375 in (35 mm)	1 in (25 mm) or 2 in (50 mm) combined-performance material (without background material)
Minimum number of yards per retroreflective material width	4.3 yds or 2 in (50 mm) width	4 yds of 1.375 in (35 mm) width 2.8 yds or 2 in (50 mm) width	4.3 yds of 1 in (25 mm) width 3.1 yds of 1.372 in (35 mm) width 2.15 yds of 2 in (50 mm) width
Photometric performance (consult the ANSI/ISEA 107-2010 standard for Tables 4 and 5)	Level 2 (Table 4) or Level 1 (Table 5)	Level 2 (Table 4) or Level 1 (Table 5)	Level 2 (Table 4) or Level 1 (Table 5)

Packaging:

Each	10.7 oz. (0.3 kg)	8" W x 14" L x 1.75" H	0.11 CF (0.003 CM)
12 vests/case	8.5 lbs. (3.9 kg)	8" W x 14" L x 21" H	1.36 CF (0.04 CM)