

Increasing the Work Zone Worker's Visibility Through High-Visibility Safety Apparel

According to Federal Highway Administration's (FHWA) Worker Visibility Final Rule, "All workers within the right-of-way of a Federal-aid highway who are exposed either to traffic (vehicles using the highway for purposes of travel) or to construction equipment within the work area shall wear high-visibility safety apparel." "High-visibility safety apparel" is defined as any garment meeting the American National Standards Institute (ANSI) 107-2004 Class 2 or 3 standard. For compliance in your area, check your state and local standards as they may be more strict than the national requirements.

Class 1 Apparel – Do Not Wear

- Provides minimum amount of required material.
- Apparel provides smaller amounts of material to make workers stand out from their background, which makes them less visible.
- Performance Class I apparel is not acceptable to wear within the right of way under the FHWA Worker Visibility Final Rule.



Class 1 Vest

Class 2 Apparel – Required

- Required as a minimum for all workers within the right of way of a Federal-aid highway.
- Provides superior visibility over Class 1 apparel for wearers by the additional coverage of the chest and back.
- Helps protect workers exposed either to traffic or to construction equipment within the work area.
- Typical use on lower speed, lower volume, and secondary road environments.



Class 2 Vest

Class 3 Apparel – Recommended

- Offers the greatest visibility to make the wearer stand out against a variety of backgrounds.
- Allows workers to be easily seen through a full range of body motions at a minimum of ¼ mile (1,280 feet).
- Additional background and reflective material on the apparel increases visibility beyond what is provided by Performance Class 2 apparel.
- High-risk environments including, but not limited to, high speed roadways, highly congested areas, complex lane shifts, bad weather, and/or in complex work zones.
- Class 2 apparel in combination with Class E apparel is considered Class 3 Ensemble.
- Class E apparel is either trousers or shorts that have retroreflective material encircling each leg.
- Enhances visibility of worker and helps differentiate a person from a traffic control device.



Class 3 Garment



Class 3 Ensemble

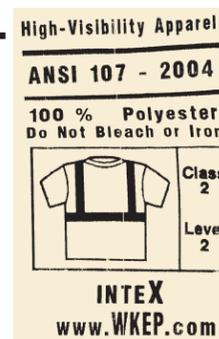


Background material: colors may be either fluorescent orange-red or fluorescent yellow-green.

Retroreflective material: colors may be either orange, yellow, white, silver, yellow green or a fluorescent version of these colors.

Combined-performance material: may be either fluorescent yellow-green or fluorescent orange-red.

Label (magnified)



Number of specific ANSI standard

Type of material used

Pictogram showing the Performance Class and Level of photometric performance of the retroreflective or combined performance material for apparel.

Name, trademark or other mean of identification of the manufacturer or authorized representative

See *Pocket Guide on High Visibility Apparel* for more detailed information. This and more information can be found at www.atssa.com.



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