

Worker Safety

Be Seen, Be Safe & Be Warm

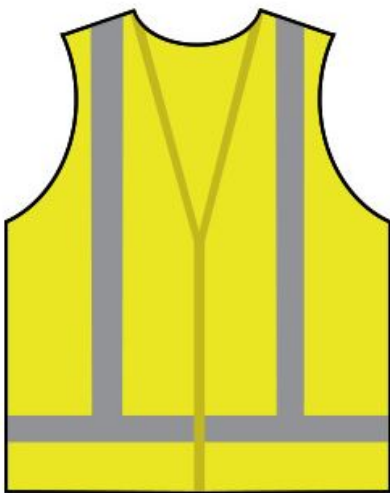
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Roadwork, construction and emergency response are not limited to the daytime, and it is essential to be easily seen in all light conditions. PIP has been a leader in Hi-Vis garments for all applications where workers are at risk. Being seen is important and so is staying warm and dry. PIP offers garments for all climates, from lightweight vests through to warm winter jackets, to keep workers safe and seen no matter what the conditions.

UNDERSTANDING THE ANSI STANDARD

The ANSI/ISEA 107-2015 is now the approved standard for High-Visibility Safety Apparel and Accessories offering garment categories of performance classes. These classes are based on worker hazards and tasks, the complexity of the job site's background and vehicular traffic and speed.

Garment Categories



Type O



Type R



Type P

Type O

Meant for off-road applications, Type O provides added visibility to workers who are not exposed to traffic. Type O HVSA provides daytime and nighttime environments which pose struck-by hazards from moving vehicles, equipment and machinery.

Type R

Enhanced visibility for workers who are exposed to highway traffic and working against complex

backgrounds during daytime and nighttime environments. This includes exposure to vehicles using the highway for purposes of travel, roadway temporary traffic control (TTC) zones or from work vehicles and construction equipment within a roadway temporary traffic control (TTC) zone.

Type P

Enhanced visibility for emergency and incident responders and law enforcement personnel in both roadway and off-road environments. The standard requires less fluorescent background material in order to incorporate colored panels to easily identify and distinguish personnel. It also permits for shorter garments in order to make tactical access to equipment belts easier and safer.

Performance Classes



Performance Class 1
Type O Only



Performance Class 2
Type R & Type P



Performance Class 3
Type R & Type P



Supplemental Class E

Performance Class 1

Provides the minimum amount of high-visibility materials required to differentiate the wearer visually from non-complex work environments, in scenarios in which the struck-by hazards will not be approaching at roadway speeds, and therefore operative detection and identification distances.

Performance Class 2

Provides for the use of additional amounts of high-visibility materials, which may allow design opportunities to define the human form more effectively. Performance Class 2 HVSA have the potential to provide longer detection and identification distances, and increased conspicuity performance compared to Performance Class 1 HVSA.

Performance Class 3

Performance Class 3 can offer greater visibility to the wearer in both complex backgrounds and through a full range of body movements by mandatory placement of background, retro reflective and combined-performance materials on sleeves and pant legs (if present). Regardless of the area of materials used, a sleeveless garment or vest alone shall not be considered Performance Class 3.

Supplemental Class E

Class E apparel includes pants, bib overalls, shorts, and gaiters. These garments are not compliant when they are worn alone, though, when combined with Class 2 or Class 3 apparel, the combination satisfies Class 3 requirements.

View all hi-vis clothing products from PIP [here](#).

Previously Featured on PIP's website.

Browse personal protective equipment from PIP on [MSCDirect.com](#).

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