

FIT THE RISK: ANSI & SAFETY WORKWEAR

The American National Standards Institute is a private, non-profit organization that promotes standards for industry and government. The ANSI/ISEA 107-2004 is the accepted standard for the design and performance of high-visibility safety apparel. It offers garment categories or Performance Classes. The Performance Classes are generally based on worker hazards and tasks, the job site's complexity and background and vehicular traffic and speed.



ANSI CLASS 3 apparel is intended for workers requiring the highest level of visibility who have high task loads and need to be visible throughout a full range of body motions.



ANSI CLASS 2 apparel is intended for workers who are exposed to traffic traveling over 25 mph and who are working against complex backgrounds.



NON-ANSI, color enhanced clothing offers an additional level of safety for low-risk activities, but does not meet ANSI standards.



ANSI CERTIFIED



DID YOU KNOW?

WHO TYPICALLY WEARS ANSI CLASS 3 WORKWEAR?

- roadway construction workers
- survey crews
- construction vehicle operators
- utility workers
- accident scene investigators
- railway workers
- emergency response personnel
- flagging crews

ANSI CLASS 3 IS REQUIRED FOR JOBSITES WHERE:

- the highest level of visibility is needed
- the widest range of weather conditions are present
- complex backgrounds are present

ANSI CLASS 3 IS REQUIRED FOR WORKERS WHO:

- have high task loads that often divert their attention
- are exposed to significantly higher-speed traffic
- have significantly reduced sight-distances
- are clearly placed in danger
- must be conspicuous through a full range of body motions at a minimum of 1,280 feet and must be identifiable as a person

1,240 square inches of visible fluorescent background fabric, usually Safety Orange or Safety Yellow



Visibility is enhanced beyond ANSI Class 2 by adding reflective material to the arms

310 square inches of visible reflective taping

DID YOU KNOW?

ANSI CERTIFIED



WHO TYPICALLY WEARS ANSI CLASS 2 WORKWEAR?

- roadway construction workers
- survey crews
- parking and toll gate personnel
- railway workers
- emergency response personnel
- forestry workers
- accident site investigators
- utility workers
- airport baggage handlers and ground crew
- school crossing guards
- law enforcement personnel

ANSI CLASS 2 IS REQUIRED FOR JOBSITES WHERE:

- a high level of visibility is needed
- a wide range of weather conditions are present
- complex backgrounds are present

ANSI CLASS 2 IS REQUIRED FOR WORKERS WHO ARE:

- performing tasks that divert their attention from approaching traffic which is traveling more than 25 mph
- working in close proximity to traffic

775 square inches of visible fluorescent background fabric, usually Safety Orange or Safety Yellow



201 square inches of visible reflective taping

NON-ANSI



WHO TYPICALLY WEARS NON-ANSI CLOTHING?

- shopping cart retrievers
- dog walkers
- parking lot attendants
- joggers
- delivery vehicle drivers
- recreational walkers
- anyone who wants to stand out from the crowd

NON-ANSI, COLOR ENHANCED CLOTHING IS USEFUL AS:

- a base layer under ANSI certified workwear
- an added level of visibility
- a uniforming option
- a change of clothing for lunch periods off the jobsite

Safety Yellow and Safety Orange stand out against green leafy backgrounds →

Lime stands out against neutral, non-leafy backgrounds



← May have reflective taping, but the tape does not meet ANSI standards