

MAKE SURE YOU GET A **REAL** ANSI CLASS GARMENT!

When choosing a safety garment, it is important to not only choose the appropriate ANSI/ISEA 107-2004 class, but to also choose a garment that is made to the appropriate specifications.

Mutual Industries ANSI Garments are made of tested and certified materials that meet or exceed ALL specifications set forth by the ANSI/ISEA 107-2004 standard. Not all manufacturers do.

Manufacturers should be able to provide upon request materials certification regarding fabric, performance, and reflectivity.

In order to comply fully, garments must have the following:

- the appropriate amount of background fabric
- the appropriate amount of retroreflective material
- background fabric must be certified for color and brightness, durability and washability
- retroreflective material must be certified for minimum reflective from various angles

Below is a table that provides some of the ANSI/ISEA 107-2004 specifications:

ANSI/ISEA 107-2004 GARMENT DESIGN REQUIREMENTS			
Requirement	Class 1 Garments	Class 2 Garments	Class 3 Garments
Background material minimum area	217 in²	775 in²	1240 in²
Retroreflective or combined performance-material used with background material	155 in²	201 in²	310 in²
Combined-performance material used without background material	310 in²	NA	NA
Minimum width of retroreflective bands	1 in or 2 in combined-performance material (without background material)	1.375 in	2 in
Minimum number of yards per retroreflective band width	4.3 yds of 1 in wide bands or 3.1 yds of 1.375 in wide bands or 2.15 yds of 2 in wide bands	4 yds of 1.375 in wide bands or 2.8 yds of 2 in wide bands	4.3 yds of 2 in wide bands

WHAT CLASS DO YOU NEED? The guidelines below are not law, but rather are a set of examples to assist you in determining what class garment is appropriate for your specific needs.

ANSI CLASS 1

CLASS 1 GARMENTS are intended for use in activities that permit the wearer's full and undivided attention to approaching traffic. There should be ample separation of the worker from traffic, which should be travelling no faster than 25 miles per hour.

Examples of workers who use Class 1 apparel:

- Parking lot attendants
- People retrieving shopping carts from parking lots
- Workers exposed to warehouse equipment traffic
- Roadside "right of way" or sidewalk maintenance workers

ANSI CLASS 2

CLASS 2 GARMENTS are intended for use in activities where greater visibility is necessary during inclement weather conditions or in work environments with risks that exceed those for Class 1. Garments in this class also cover workers who perform tasks that divert their attention from approaching traffic, or that put them in close proximity to passing vehicles traveling at 25 miles per hour or higher.

Examples of workers who use Class 2 apparel include:

- Forestry operations
- Ship cargo loading operations
- Roadway construction, utility and railway workers
- Survey crews
- School crossing guards
- Delivery vehicle drivers
- High-volume parking and/or toll gate personnel
- Airport baggage handlers/ground crew
- Emergency response and law enforcement personnel
- Trash collection and recycling operations
- Accident site investigators
- Railroad inspection and maintenance crews

ANSI CLASS 3

CLASS 3 GARMENTS provide the highest level of visibility, and are intended for workers who face serious hazards and often have high task loads that require attention away from their work. Garments for these workers should provide enhanced visibility to more of the body, such as the arms and legs.

Examples of workers who use Class 3 apparel include:

- Roadway construction personnel and flaggers
- Utility workers
- Survey crews
- Emergency response personnel