Glitter

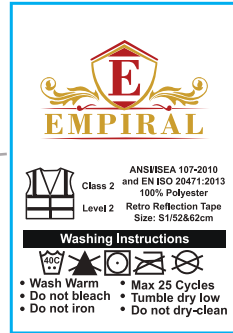**Vest Label Ensures Proper Use of Performance Material and Care of Vest**

Contrasting Trim Maximizes Daytime Visibility

Retroreflective Material for Night Time Visibility

Fluorescent High Visibility Background Material for Daytime Visibility

Specifications

ΛNSI Requirements	ANSI/ISEA 107-2010 Class 2
European Norm	EN ISO 20471:2013
Color	Yellow/Orange
Features	2" Retroreflective tape
Product Type	High Visibility
Size	S1 – S7

ANSI **ANSI/ISEA 107-2010**

The American National Standard for High-Visibility Safety Apparel and Headwear, (ANSI/ISEA 107-2010), which sets the performance criteria for high-visibility apparel. This safety apparel consists of background material, retroreflective material, and combined-performance material:

- Background material is "colored fluorescent material intended to be highly conspicuous, but not intended to comply with the requirements… for retroreflective material."

- Retroflective material is "material that reflects and returns a relatively high proportion of light in a direction close to the direction from which it came."

- Combined-performance material is "retroreflective material that is also a fluorescent material and can be counted toward the minimum area requirements for background material."

ANSI/ISEA also has three numbered performance classifications for high visibility apparel:

Performance class 1

- Minimum background material:217 in.^{2}
- Minimum retroflective material: 155 in.^{2}
- Provides the minimum amount of required material to distinguish the wearer from the environment.
- Intended for workers whose tasks don't divert their attention from approaching traffic.
- Intended for locations where the worker is separated from traffic, which is traveling no faster than 25 mph.

Performance class 2

- Minimum background material:775 in.^{2}
- Minimum retroflective mateial:201 in.^{2}
- Provides enhanced visibility during inclement weather.
- Intended for workers whose task divert their attention from approaching traffic and for those who must work near vehicles exceeding 25 mph

Performance class 3

- Minimum background material:1240 in.^{2}
- Minimum retroflective mateial:310 in.2
- Provides maximum visibility for workers who have tasks that place them in imminent danger from approaching traffic
- Provides maximum visibility when the wearer must be conspicuous at a minimum distance of 1,280 feet.

Standards ANSI/ISEA 107-2010 & EN ISO 20471:2013

Note: This product has specification Class 2. A fuller explanation of the standards in this area are shown below.

EN471 - Specification for High Visibility Clothing
There are 3 classes of garment type based on the levels of conspicuity they provide. On all garments the retro-reflective tape must not be less than 50mm wide.

The table below shows typical recommended performance apparel classifications for various types of jobs. To determine the appropriate apparel, always onsider the environmental condition where you'll be working and your risk of exposure:

Type of jobs	Class 1	Class 2	Class 3
shopping cart retrievers	x		
warehouse worksers	x		
delivery truck drivers	x		
roadway construction workers		x	x
utility workers		x	x
surveyors		x	x
emergency responders		x	x
flaggers			x
Adapted from ANSI/ISEA 107-2010, Appendix B			

CLASS3	**CLASS 2**	**CLASS 1**
THE HIGHEST LEVEL OF CONSPICUITY	**INTERMEDIATE PROTECTION**	**LOW LEVEL PROTECTION**
Minimum background material $0.80m^2$	Minimum background material $0.50m^2$	Minimum background material $0.14m^2$
Minimum retro-reflective mateial $0.20m^2$	Minimum retro-reflective mateial $0.13m^2$	Minimum retro-reflective mateial $0.20m^2$

ERP Code & Packing information:

	DESCRIPTION	SIZE	QUANTITY PER CARTON	CTN L	CTN W	CTN H	GW/NW @ KG PER CARTON	
Glitter - Yellow	E108083301	S	100	45	25	42	12.13	11.63
	E108083302	M	100	45	25	42	12.13	11.63
	E108083303	L	100	45	25	42	12.13	11.63
	E108083304	XL	100	45	25	42	12.13	11.63
	E108083305	2XL	100	45	25	42	12.13	11.63
	E108083306	3XL	100	45	25	44	12.13	11.63
	E108083307	4XL	100	45	25	44	12.13	11.63

	DESCRIPTION	SIZE	QUANTITY PER CARTON	CTN L	CTN W	CTN H	GW/NW @ KG PER CARTON	
Glitter - Orange	E108083401	S	100	45	25	42	12.13	11.63
	E108083402	M	100	45	25	42	12.13	11.63
	E108083403	L	100	45	25	42	12.13	11.63
	E108083404	XL	100	45	25	42	12.13	11.63
	E108083405	2XL	100	45	25	44	12.13	11.63
	E108083406	3XL	100	45	25	42	12.13	11.63
	E108083407	4XL	100	45	25	44	12.13	11.63