

# Quick Check Guidelines for ANSI/ISEA 107–2010 Class 2 Garments

### **Vest Configurations**

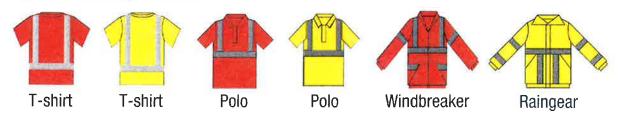


**Examples of compliant designs** 

#### As a standard for total garment design, ANSI/ISEA 107-2010 requires:

- Garment fabric must be fluorescent
  - Red/orange or
  - Lime/yellow
- It must have 201 in.<sup>2</sup> of retroreflective trim and 775 in.<sup>2</sup> of fluorescent background material.
- Reflective trim must provide 360° visibility with horizontal gaps of 50 mm or less.
- Garments without reflective on the sleeves must have 23.25in<sup>2</sup> of reflective material in the shoulder area.
- Flame resistant garments must also comply with ASTM F-1506, ASTM F1891-06, ASTM F2302-08 or ASTM F2733-09.

#### **Apparel Configurations**



Examples of compliant designs. Jackets are Class 3.

Above items represent many, but not all "compliant" scenarios.

## **Examples of Non-Compliant Designs**



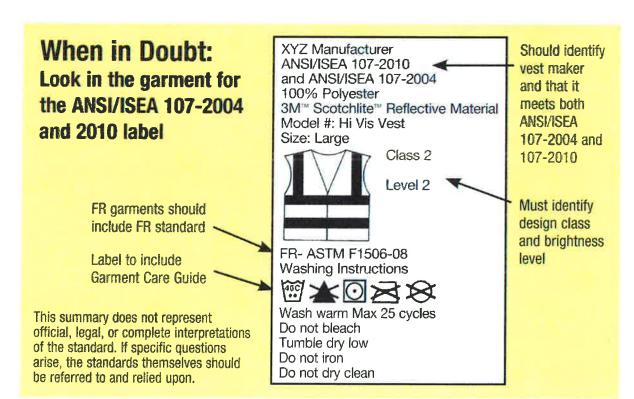




These items represent many, but not all "non-compliant" scenarios.

### What ANSI 107 Garment Class does MUTCD 2009 require?

For all workers, including emergency responders, within the right-of-way who are exposed either to traffic or to work vehicles and construction equipment within a Temporary Traffic Control zone, MUTCD 2009 Section 6D.03 requires Class 2 or Class 3 garments of ANSI-107- 2004 or equivalent revisions, such as ANSI 107-2010, if labeling requirements are met. Specific alternative options for emergency and incident responders and law enforcement personnel are included in 6D.03 paragraph 05 and paragraph 08. For Flaggers, Section 6E.02 requires ANSI 107-2004 Class 2 or 3.





Occupational Health and Environmental Safety Division 3M Protective Apparel and Footwear Market Center

3M Center, Building 0235-02-F-06 St. Paul, MN 55144-1000 800-328-7098 Scotchlite.com

#### 3M Canada

P.O. Box 5757 London, Ontario N6A 4T1 800-267-4414 Technical Service 800-364-3577 3M HELPS 3M.com/ca/besaferbeseen

3M and Scotchlite are trademarks of 3M. Please recycle. Printed in U.S.A.

© 3M 2010. All rights reserved.

XX-XXXX-XXXX