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CONSTRUCTION · ANSI/ISEA 107 COMPLIANCE

ANSI/ISEA 107 Compliance Checklist

Class 1/2/3 selection, label requirements and the documentation audit gate — verified before the next shipment is accepted.

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DISCLAIMER

This resource is practical procurement guidance written from a China-side workwear factory's perspective. It is not legal, safety or compliance advice. Compliance thresholds, test methods and class requirements vary by jurisdiction and garment; confirm every value against the current standard and an accredited lab report before you commit funds.

Construction workwear resource | Document ID: SPEC-CONST-ANSI-001

1. Determine the ANSI Class Required

CLASS	REQUIRED FOR	MINIMUM REFLECTIVE TAPE
Class 1	Parking lots, sidewalk work, warehouse	155 in^2 background + reflective
Class 2	Roadway work >25 mph, construction sites, utility	775 in^2 background, 201 in^2 reflective
Class 3	Highway work >50 mph, emergency response, low visibility	1,240 in^2 background, 310 in^2 reflective

2. Verify Label Requirements

Every ANSI/ISEA 107-compliant garment must have a permanent label showing:

- ANSI/ISEA 107 standard reference (must be the current edition)
- Class designation (Class 1, 2, or 3)
- Type designation (Type O, R, or P)
- Flame resistance status (FR or Non-FR)
- Manufacturer identification
- Care instructions

3. Reflective Tape Verification

- Check retroreflectivity meets ASTM E810 minimums
- Verify 3M Scotchlite certificate of authenticity included
- Confirm 50-wash brightness retention ≥93%
- Inspect tape width and placement per ANSI/ISEA 107 diagrams

4. Documentation Audit Checklist

Before accepting any shipment, verify you have:

- ☐ Batch ASTM E810 retroreflectivity test report
- ☐ 3M Scotchlite certificate of authenticity (dated within 12 months)
- ☐ 50-wash verification report for this production batch
- ☐ ANSI/ISEA 107 certificate of compliance (per shipment)
- ☐ AQL 2.5 final inspection report
- ☐ ISO 9001:2015 certificate (current, not expired)

5. 50-Wash Tracking Log Template

WASH CYCLE	DATE	RETROREFLECTIVITY (CD/LX/M^2)	PASS/FAIL	INSPECTOR
5				
10				
15				
20				

WASH CYCLE	DATE	RETROREFLECTIVITY (CD/LX/M²)	PASS/FAIL	INSPECTOR
25				
30				
35				
40				
45				
50				

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Class it, label it, then accept the shipment.

Send the shipment documentation — a class-matched spec, a tape verification record and a lot-level test file are returned in one place.

CONTACT US

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