

Hi-Vis Garment Care & Lifecycle Guide

Factory-direct construction workwear. Batch-level compliance. No middlemen.

1. Washing Protocols

PARAMETER	RECOMMENDATION
Water Temperature	Warm (40°C / 105°F) maximum
Detergent	Mild industrial detergent. No bleach, no fabric softeners.
Wash Cycle	Gentle or permanent press cycle
Drying	Tumble dry low or line dry. Do not use high heat.
Turn Garment	Turn inside-out before washing to protect reflective tape

2. Inspection Schedule

INTERVAL	WHAT TO CHECK
Daily (worker)	Visible tape damage, missing tape sections, excessive soiling
Weekly (supervisor)	Tape adhesion, seam integrity, color fading, label legibility
Monthly (safety manager)	Random batch inspection, photo documentation, log updates
Quarterly (audit)	Retroreflectivity spot-check, wash log review, replacement planning

3. Retirement Criteria

Remove a hi-vis garment from service when ANY of the following occurs:

- Reflective tape has peeled, cracked, or lost ≥ 15% of surface area
- Background material is faded to the point where contrast with tape is visibly reduced
- Garment has tears, holes, or contamination that cannot be repaired
- ANSI label is illegible or missing
- 50 industrial wash cycles completed (even if visually acceptable)
- Retroreflectivity drops below ANSI minimums on spot-check

4. 50-Wash Tracking Log

GARMENT ID	ISSUE DATE	WASH #1	WASH #10	WASH #25	WASH #40	WASH #50	RETIRED
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5. Best Practices for Maximum Service Life

- Rotate garments: issue 3+ sets per worker to distribute wash cycles
 - Pre-treat heavy stains before machine washing
 - Never use chlorine bleach — it destroys fluorescent background dyes
 - Store in a cool, dry location away from direct sunlight
 - Train workers: 5-minute toolbox talk on garment care extends life by 30%+
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This document is provided as a procurement resource. Update quantities, specs, and pricing to match your project requirements.