

Medical Scrub Care & Lifecycle Guide

Industrial washing protocols, inspection schedule, and replacement planning for 100+ wash service life.

1. Industrial Washing Parameters

PARAMETER	RECOMMENDATION
Water Temperature	Up to 75°C (167°F) for industrial cycles — tested for 100+ cycles
Detergent	Healthcare-grade industrial detergent. No chlorine bleach, no fabric softeners.
Wash Cycle	Full industrial wash per ISO 15797 methodology
Drying	Tumble dry on recommended setting; remove promptly to reduce wrinkles
Turn Garment	Turn inside-out before washing to protect embroidery and printed logos

2. Washing Procedure

- Pre-treat heavy stains (blood, betadine, medication residue) before machine wash
- Zip and close all fasteners to prevent snagging
- Sort by color family to prevent dye transfer between shades
- Wash at 75°C for clinical-grade disinfection per facility protocol
- Inspect antimicrobial fabric per AATCC 100 — efficacy is maintained through 50+ washes

3. Inspection Schedule

INTERVAL	WHAT TO CHECK
Daily (worker)	Visible damage, stubborn stains, loose stitching, missing buttons
Weekly (supervisor)	Seam integrity, collar/neckline wear, color fading, logo adhesion
Monthly (uniform coordinator)	Batch inspection, shrinkage check, replacement planning
Quarterly (procurement)	Wash-log review, per-worker set count, budget projection

4. Replacement Criteria

Retire a scrub garment when ANY of the following occurs:

- Shrinkage exceeds 2% and fit is no longer acceptable
- Fabric shows visible thinning, holes, or tears that compromise coverage
- Antimicrobial fluid resistance is lost (documented per wash-testing)
- Color faded or stained beyond professional appearance
- Embroidery/logo peeling, fraying, or illegible
- 100+ industrial wash cycles completed (even if visually acceptable)

5. Wash Tracking Log

Garment ID	Issue Date	Wash #10	Wash #25	Wash #50	Wash #75	Wash #100	Retired

6. Best Practices for Maximum Service Life

- Issue 3+ sets per worker to distribute wash cycles and extend garment life
- Never use chlorine bleach — it degrades dye and antimicrobial treatment
- Pre-treat heavy stains; avoid ironing directly over logos
- Store in a cool, dry, dark location away from direct sunlight
- Rotate stock on a first-in, first-out basis so no set ages faster than others

LantaoWork — Custom Medical Scrub Manufacturer — www.lantaowork.com

Provided as a procurement resource. Update quantities, specs, and pricing to match your requirements.