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COVERALL SELECTION · COMPARISON MATRIX

Coverall Type Comparison Matrix

Seven coverall types side by side — fabric weight, certification, closure, knee reinforcement, reflective tape and wash durability.

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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. Certification, fabric performance and fit vary by garment type, seam construction and pattern block; confirm exact standards and fit against an approved sample and the current official texts before you commit funds.

Coverall selection aid | Document ID: SPEC-COVERALL-MATRIX-001

Seven Coverall Types — Side-by-Side Comparison

TYPE	FABRIC WEIGHT	CERTIFICATION	CLOSURE	KNEE REINFORCEMENT	REFLECTIVE TAPE	WASH CYCLES
Industrial	8–9oz	OEKO-TEX	Two-Way Zip	✓	—	80+
Flame-Resistant	10–12oz	NFPA 2112	Storm Flap Zip	✓	—	80+
Hi-Visibility	9–10oz	ANSI/ISEA 107	Two-Way Zip	✓	✓	80+
Mechanic	8–10oz	OEKO-TEX	Concealed Snaps	✓	—	80+
Chemical/Hazmat	6–12oz	EN 1149	Sealed Zip	—	—	50+
Corporate/Service	7–9oz	OEKO-TEX	Two-Way Zip	—	—	80+
Waterproof/Weatherproof	6–12oz	ANSI/ISEA 107	Storm Placket	—	✓	By spec

How to Use This Matrix

1. Identify your primary hazard — flash fire, traffic exposure, chemical splash, general industrial
2. Match to the certification column — NFPA 2112 for FR, ANSI/ISEA 107 for hi-vis, EN 1149 for anti-static
3. Check closure and reinforcement needs — concealed snaps for mechanics, storm flap for FR, knee reinforcement for kneeling work
4. Confirm wash durability — 80+ industrial wash cycles for most types, 50+ for chemical/hazmat, specified per order for waterproof

Fabric Weight Guide

WEIGHT CLASS	TYPICAL USE	FABRIC EXAMPLES
6–7oz Lightweight	Indoor, warm climate, food processing	Cotton Poplin, Poly-Cotton Twill
8–9oz Midweight	General industrial, manufacturing	Cotton Twill, Poly-Cotton Canvas
10–11oz Heavyweight	Construction, oil & gas, utilities	Heavy Cotton Drill, FR-Treated Cotton, Aramid Blends
12oz+ Extreme Duty	Foundries, welding, molten metal	Aramid/Nomex Blend, Aluminized, Double-Layer

Size Matrix

All types available in XS–6XL with tall and short variants. Roster-based size mapping provided before cutting. Custom grading for unique workforce demographics.

LANTAOWORK COVERALL MATRIX

Match the type to the hazard before you buy.

Send the hazard profile and crew size run — the seven-type matrix is applied to your exposure and returns a rating-matched spec before you commit.

CONTACT US

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