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WHITE-LABEL · TECH PACK TEMPLATE

Tech Pack Template for White-Label Garments

A fill-in technical specification — BOM, construction, size grading and the test columns that stop reorder drift.

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DISCLAIMER

This resource is practical procurement guidance written from a China-side workwear factory's perspective. It is not legal, labeling or customs advice. MOQ tiers, certification scope and labeling requirements vary by market and product; confirm every value against the current standard and your own written agreement before you commit funds.

White-label program resource | Document ID: SPEC-WL-TECHPACK-001

Purpose

A fill-in template for the technical specification of a white-label garment. Complete every section with your account manager, seal the final sheet at signoff, and every reorder is measured against it. Rows marked **COMMONLY MISSED** are the ones that cause reorder drift if skipped.

Cover Mockup

FIELD	DETAIL
Garment Name	
Style Number	Your SKU or reference
Brand	Your brand name only
Target Market	Destination country / standard
Front / Back Mockup	Attach flat sketch or 3D preview reference
Sample Date	
Seal Date	Date the spec is locked

Bill of Materials (BOM)

COMPONENT	SPEC	SOURCE / NOTE
Main Fabric	Fiber blend · GSM $\pm 5\%$	e.g. 280–380 GSM canvas / Cordura for heavy work pants
Lining	Fiber blend · GSM	
Zippers	Gauge + slider type	YKK preferred
Buttons / Snaps	Material + size	
Thread	Fiber + strength	Match fabric / contrast per design
Reflective Tape (if any)	Class + width + placement	e.g. 3M Scotchlite per ANSI/ISEA 107
Labels	Woven / printed · placement	Main, size, care, hang tag
Packaging	Poly bag · hang tag · carton marks	Your branding

Construction Notes

- ☐ Seam type per location — flat-felled / French on load-bearing seams (crotch, shoulders, side seams); overlock on standard seams.
- ☐ Stitch density — stitches-per-inch specified for critical seams.
- ☐ Triple-needle chain stitching — for high-stress or decorative seams where specified.
- ☐ Bar-tacks — 5–7 per major stress point: pockets, belt loops, zipper fly, epaulets.
- ☐ Reinforcements — knee pads, tool pockets, and gussets where the use case demands.

Size Grading Table

MEASUREMENT (CM)	XS	S	M	L	XL	2XL	3XL
Chest							
Waist							
Hip							
Inseam							
Shoulder							
Sleeve Length							
Center Back Length							

Add men's and women's blocks separately. Note a special-body channel if the program cuts to individual measurements.

Label & Placement Specs

ITEM	PLACEMENT	SPEC
Main woven label	Neckline center back	Your brand name only
Size label	Adjacent to main label	Your size matrix
Care label	Side seam (left)	Destination-country instructions
Brand embroidery / print	Per design mockup	Digitized once, archived for reorders
Hang tag	Attached at factory	Your brand + SKU

Packaging Specs

- ☐ Poly bag — per garment, branded, with your SKU barcode or sticker.
- ☐ Hang tag — material, size, artwork reference.
- ☐ Carton — carton size, units per carton, carton marks, and max carton weight.
- ☐ Split — FOB or DDP, and whether goods split to two warehouses.

Test Columns

TEST	METHOD	TARGET	REPORTED PER BATCH?
Tensile strength	ASTM D5034 (grab)		☐
Tear strength	ASTM D1424 (Elmendorf)		☐
Dimensional stability	AATCC 135	Shrinkage ≤ 3–5%	☐
Colorfastness	ISO 105 / AATCC 16.3	Grade 4+	☐
Water repellency (if any)	AATCC 22	Initial rating 80+	☐
Retroreflectivity (if hi-vis)	ANSI/ISEA 107	Class per garment	☐

TEST	METHOD	TARGET	REPORTED PER BATCH?
Flame resistance (if FR)	Per market standard		☐

Note: LantaoWork inspects every batch at AQL 2.5 (ISO 2859-1, Level II), tightened to AQL 1.0 for brand-critical items. Batch test reports ship with each shipment, under your program name.

LANTAOWORK TECH PACK

Seal the sheet, stop the drift.

Send a reference garment or sketch — a completed tech pack, a 48-hour mockup and a sealed sample are returned before bulk.

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