CUSTOM VARSITY & LETTERMAN JACKETS

Cut-to-Pack OEM/ODM Specification Guide for Luxury Wool & Leather Outerwear

MOQ	SAMPLING	FABRIC	SHIPPING
10 Pcs / Colorway	5-6 Days Rapid Turnaround	650 GSM Wool + Cowhide	Worldwide Door-to-Door DDP



DIRECT FACTORY MANUFACTURING

Why Brands Manufacture With Glory Zone

Glory Zone manufactures bespoke heritage letterman jackets and luxury streetwear varsity jackets for international designer labels, universities, sports franchises, and streetwear icons.

We combine heavyweight 600–700 GSM 80% Melton wool bodies with authentic top-grain cowhide leather sleeves (or luxury vegan PU leather), lined with 120 GSM diamond-quilted thermal satin.

Every jacket features 2x2 heavy acrylic wool yarn striped ribbing, color-matched enameled metal snap buttons, multi-layer chenille embroidery patches, and tailored interior welt pockets with low 10 pcs MOQs.

MANUFACTURING STANDARDS & QUALITY CONTROL

- **CAD Pattern Grading**
  Computerized Gerber/Lectra pattern design ensuring +/- 0.5 cm tolerances.
- **Lab-Dip Color Accuracy**
  Spectrophotometer digital Pantone matching under D65 daylight & store light.
- **AQL 2.5 Strict Inspection**
  100% inline & final audit before packaging: stitch tension, symmetry, and barcode tags.
- **Door-to-Door DDP Shipping**
  Express air cargo to USA, UK, EU, Canada & Australia with customs duties paid.

TECHNICAL SPECIFICATIONS

Fabric Milling, GSM Weights & Cut Architecture

650–700 GSM Heavy Melton Wool Body

650–700 GSM

Composition: 80% Melton Wool / 20% Polyamide

Dense, compact woven wool providing supreme thermal warmth, natural wind resistance, structured drape, and a fuzz-free surface built to hold heavy chenille patches.

1.1–1.3mm Top-Grain Cowhide Leather Sleeves

1.2mm Thickness

Composition: 100% Genuine Milled Top-Grain Cowhide

Supple yet rugged full-grain leather sleeves with subtle pebble grain texture, exceptional tear strength, and rich tactile weight.

Premium Vegan PU Leather Sleeves

1.0mm Thickness

Composition: High-Grade Polyurethane on Microfiber Base

Eco-friendly, water-resistant luxury vegan alternative with soft handfeel, zero cracking in sub-zero climates, and uniform grain consistency.

120 GSM Diamond-Quilted Poly-Satin Lining

120 GSM Quilt

Composition: 100% Polyester Satin + Thermal Fiberfill

Silk-smooth interior diamond-stitched quilting providing smooth glide over hoodies and knitwear, complete with internal phone and chest welt pockets.

CONSTRUCTION & HARDWARE SPECIFICATIONS

Heavy-Gauge 2x2 Striped Acrylic Wool Ribbing

Thick, resilient knit ribbing on stand collar, cuffs, and waist hem with custom color stripes that maintain elasticity.

Color-Matched Enameled Metal Snap Fasteners

Heavy-duty brass snap closures electroplated in matte black, brass, or custom powder-coated Pantone enamel.

Reinforced Leather Pocket Welts

Front slash pockets framed with double-stitched leather welts with reinforced internal pocket bags.

Heavyweight Internal Welt Pockets

Two internal chest pockets (one zippered, one open welt with leather trim) for valuables.

EMBELLISHMENT & BRANDING

In-House Embellishments, Trims & Packaging

Multi-Layer Chenille Embroidery Patches

Collegiate Classic

Authentic fluffy moss stitch looped yarn patches on heavy felt backing with precision laser-cut borders.

Tajima 3D Computerized Direct Embroidery

Precision Bullion

High-density satin stitching on wool body, leather sleeves, and across the back yoke.

Direct Chainstitch & Script Embroidery

Vintage Heritage

Traditional looping chainstitch typography embroidered across the front chest or collar.

Custom Leather Applique Lettering

Top Grain

Genuine leather or felt letters cut and satin-edge embroidered directly onto the jacket back.

PRIVATE LABEL TRIMS & RETAIL PACKAGING

Custom Jacquard Woven Inside Neck Label

High-definition brand label with custom size tab and satin hanging loop chain.

Custom Engraved Metal Snap Buttons

Custom logo stamping on snap button caps in antique brass, gunmetal, or polished silver.

Embossed Leather Brand Patch

Heat-embossed leather patch stitched inside the jacket or on the lower back hem.

Heavyweight Garment Bag Packaging

Non-woven breathable garment carrier bag with custom brand logo and zipper closure.

SIZING & GRADING SPECIFICATION

Master Size Chart (Inches & CM)

Standard US / UK / European sizing tolerances: +/- 0.5 inches (+/- 1.2 cm). Custom tech pack sizing fully supported.

Size	Chest (in)	Body Len (in)	Shoulder (in)	Sleeve (in)	Bottom Rib (in)	Weight (lbs)
XS	42.0"	26.0"	18.5"	25.0"	36.0"	3.2 lbs
Small	44.0"	27.0"	19.5"	25.5"	38.0"	3.4 lbs
Medium	46.0"	28.0"	20.5"	26.0"	40.0"	3.6 lbs
Large	48.0"	29.0"	21.5"	26.5"	42.0"	3.8 lbs
X-Large	50.0"	30.0"	22.5"	27.0"	44.0"	4.0 lbs
2-XL	52.0"	31.0"	23.5"	27.5"	46.0"	4.2 lbs
3-XL	54.0"	32.0"	24.5"	28.0"	48.0"	4.5 lbs

HOW TO MEASURE & TOLERANCE RULES

1. Chest Circumference:
Measured flat across jacket front 1 inch below underarm seams, multiplied by 2.

2. Body Length:
Measured from center back neck seam straight down to bottom rib hem.

3. Shoulder Width:
Measured straight across upper back between sleeve shoulder seam intersections.

4. Sleeve Length:
Measured from shoulder seam point down outer sleeve to end of ribbed cuff.

PRODUCTION PROCESS & ORDERING

7-Step Cut-to-Pack Manufacturing Flow

01 **CAD Pattern & Spec Approval**
Digital tech pack grading, shrinkage allowance calculations & vector placement.

02 **Yarn Knitting & Pantone Lab-Dip**
100% combed cotton yarn knit to target GSM and dyed to Pantone reference.

03 **Physical Pre-Production Sample**
Finished prototype stitched & dispatched via DHL Express in 4–5 business days.

04 **Bulk Precision Cutting**
Multi-layer laser-assisted cutting tables ensuring exact dimensional accuracy.

05 **In-House Embellishment**
Tajima 3D puff embroidery, high-density screen print, silicone, or vintage wash.

06 **Sewing & Strict AQL 2.5 Audit**
Assembly by master craftsmen, tension testing, seam inspection & label attachment.

07 **DDP Door-to-Door Global Shipping**
Customs cleared, duty paid express delivery to USA, UK, EU, Canada & Australia.

READY TO LAUNCH YOUR CUSTOM PRODUCTION RUN?

Contact our Sialkot factory production engineers directly for instant quote & sampling:

- **WhatsApp (Direct Factory): +92 339 0489102 (Response < 2 hours)**
- Official Website: https://gloryzone.co
- Email: gloryzone.co@gmail.com
- Alibaba TrustPass Verified: https://gloryzone.trustpass.alibaba.com/