CUSTOM TRACKSUITS & SWEATSUITS

Cut-to-Pack OEM/ODM Specification Guide for Matching Sets & Warmups

MOQ	SAMPLING	FABRIC	SHIPPING
10 Sets / Colorway	4-5 Days Rapid Turnaround	380 - 500 GSM French Terry	Worldwide Door-to-Door DDP



DIRECT FACTORY MANUFACTURING

Why Brands Manufacture With Glory Zone

Glory Zone specializes in full-package cut-and-sew custom tracksuit and sweatsuit manufacturing for independent streetwear brands, fitness clubs, and luxury athleisure labels in the USA, UK, and Europe.

We produce perfectly color-matched two-piece sets—from heavyweight boxy cropped zip hoodies paired with flared sweatpants to vintage acid-washed pullover suits and crinkle Taslan nylon windbreakers.

Our direct factory setup in Sialkot allows complete customization of hood shapes, drawstrings, CNC engraved metal aglets, and customized YKK zipper hardware with industry-low 10-set minimum order quantities.

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

450–500 GSM Heavyweight Diagonal French Terry

450–500 GSM

Composition: 100% Combed Ring-Spun Cotton (Zero Linting)

Ultra-heavy architectural drape engineered for luxury streetwear sweat suits. Features tight knit loopback interior, zero shrinkage, and structured silhouettes that do not bag out at the knees.

380–420 GSM Brushed Back Cotton-Rich Fleece

380–420 GSM

Composition: 80% Cotton / 20% Polyester Anti-Pill Face

Plush, cloud-soft interior fleece providing exceptional thermal retention for winter drops. 100% cotton exterior face optimized for razor-sharp screen printing and embroidery.

Crinkle Taslan Windbreaker Nylon with Breathable Mesh

130–160 GSM

Composition: 100% Matte Textured Nylon + Poly Mesh Lining

Retro 90s athletic tracksuit shell fabric with durable water-repellent (DWR) coating, custom contrast piping, and moisture-wicking open athletic mesh lining.

Heavy Stretch Velvet & Velour

300–340 GSM

Composition: 95% Poly / 5% Spandex Rich Lustre Pile

Plush designer velour engineered for Y2K tracksuits, featuring rhinestone crystal application, tonal embroidery, and antique gold metal hardware.

CONSTRUCTION & HARDWARE SPECIFICATIONS

Reinforced 5-Thread Flatlock Seaming

Indestructible flat seams across crotch, shoulders, and armholes preventing blowout during active wear.

Heavy-Duty Elasticated Waistband

2-inch multi-needle waistband with internal safety core that never rolls or twists after machine washing.

Custom YKK & SBS Metal Zippers

Two-way antique silver or matte black zippers with custom branded logo pullers.

Deep Zippered Pockets

Concealed reverse-coil zippered side pockets that securely hold modern smartphones without sagging.

EMBELLISHMENT & BRANDING

In-House Embellishments, Trims & Packaging

Tajima Computerized 3D Puff Embroidery

Up to 3mm Relief

High-density polyurethane foam underlay creating bold architectural embroidery across chest, thigh, or rear pocket.

Hot-Fix Rhinestone & Crystal Transfers

Commercial Grade

Machine-pressed glass crystals with heat-activated resin glue that withstands 50+ wash cycles without detachment.

High-Density Silicone Rubber Printing

Stretch-Resistant

Soft-hand 3D silicone badges that flex seamlessly with high-stretch fleece fabrics without micro-cracking.

Vintage Acid Wash & Potassium Permanganate Spray

Handcrafted Wash

Custom wash houses creating authentic retro faded seam contrasts and cloudy mineral aesthetic.

PRIVATE LABEL TRIMS & RETAIL PACKAGING

CNC Engraved Metal Aglets

Heavy metal drawcord tips custom engraved with your brand typography in matte black, chrome, or antique gold.

Custom Damask Woven Neck & Hem Labels

High-definition 100-denier jacquard woven tags sewn into the interior neck and outer leg hem.

600 GSM Thick Matte Hangtags

Luxury heavyweight cardstock with foil stamping, safety pin attachment, and custom barcode labels.

Branded Frosted Zip Polybags

Biodegradable frosted EVA zipper packaging printed with your logo and SKU size stickers.

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)	Top Len (in)	Waist (in)	Inseam (in)	Thigh (in)	Leg Open (in)
XS	40.0"	26.0"	28.0"	29.5"	23.5"	11.0"
Small	42.0"	27.0"	30.0"	30.0"	24.5"	11.5"
Medium	44.0"	28.0"	32.0"	30.5"	25.5"	12.0"
Large	46.0"	29.0"	34.0"	31.0"	26.5"	12.5"
X-Large	48.0"	30.0"	36.0"	31.5"	27.5"	13.0"
2-XL	50.0"	31.0"	38.0"	32.0"	28.5"	13.5"
3-XL	52.0"	32.0"	40.0"	32.5"	29.5"	14.0"

HOW TO MEASURE & TOLERANCE RULES

1. Top Chest:
Measured straight across 1 inch below armholes with top laid flat.

2. Pants Waist:
Measured across waistband relaxed, multiplied by 2. Elastic expands up to 6 inches comfortably.

3. Inseam Length:
Measured from interior crotch seam point straight down along inner leg seam to bottom leg opening hem.

4. Tolerances:
Standard production tolerance is +/- 0.5 inches (+/- 1.2 cm). Custom tech pack sizing fully supported.

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/