CUSTOM T-SHIRTS & STREETWEAR TEES

Cut-to-Pack OEM/ODM Specification Guide for Heavyweight & Vintage Tees

MOQ	SAMPLING	FABRIC	SHIPPING
10 Pcs / Colorway	4-5 Days Rapid Turnaround	240 - 320 GSM Heavy Jersey	Worldwide Door-to-Door DDP



DIRECT FACTORY MANUFACTURING

Why Brands Manufacture With Glory Zone

Glory Zone manufactures luxury heavyweight t-shirts and drop-shoulder streetwear tees for emerging and established fashion houses across North America, the UK, Europe, and Australia.

We mill custom 240 to 320 GSM single jersey fabrics using 100% combed ring-spun cotton that provides substantial body, zero cling, pre-shrunk anti-twist stability, and rich tactile drape.

From tight 1.25-inch 1x1 ribbed lay-flat collars and blind hem stitch detailing to jumbo screen printing, discharge vintage washes, and bespoke woven neck labels—all produced in-house 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

280–300 GSM Heavyweight Streetwear Jersey

280–300 GSM

Composition: 100% Combed Compact Cotton (Single Jersey)

The industry standard for premium oversized streetwear tees. Substantial body, opaque finish that never turns see-through, and excellent dimensional recovery.

240–260 GSM Midweight Everyday Luxury Jersey

240–260 GSM

Composition: 100% Long-Staple Ring-Spun Cotton

Soft-hand combed cotton with silicone wash finish for all-season luxury basics, graphic drops, and designer brand retail collections.

Vintage Mineral Acid Wash & Pigment Dyed Cotton

260–300 GSM

Composition: 100% Cotton with Hand Enzyme Abrasion

Handcrafted vintage distressed finish mimicking decades of authentic natural fade with soft broken-in handfeel and preshrunk sizing.

Heavy Organic Cotton Slub Jersey

250–280 GSM

Composition: 100% GOTS Certified Organic Cotton

Textured slub yarns providing subtle natural striations, rich visual depth, and eco-certified reactive dyeing.

CONSTRUCTION & HARDWARE SPECIFICATIONS

1.25" to 1.5" Tight 1x1 Lycra Ribbed Collar

Spandex-reinforced neck ribbing engineered to lay flat and never stretch out or bacon after repeated washes.

Reinforced Shoulder-to-Shoulder Taping

Heavy self-fabric herringbone neck tape covering raw seam edges for maximum comfort and seam durability.

Blind Hem & Twin-Needle Construction

Clean heritage blind-stitch or 6mm twin-needle lockstitch on sleeve cuffs and bottom waist hem.

Side-Seamed Boxy Architectural Fit

Constructed with true side seams to prevent torque, skewing, and barrel twisting after laundering.

EMBELLISHMENT & BRANDING

In-House Embellishments, Trims & Packaging

Water-Based Discharge Screen Printing

Zero Handfeel

Discharge inks bleach out original dye and deposit pigment directly into cotton fibers for 100% breathable soft prints.

High-Density Puff Plastisol Screen Printing

3D Tactile

Formulated micro-cellular expanding plastisol achieving bold rounded relief profiles up to 2.5mm high.

Direct-to-Garment (DTG) Digital Printing

Photorealistic

1200 DPI high-definition CMYK+White Kornit printing ideal for complex photo graphics and multi-color artwork.

Vintage Grinding & Collar Distressing

Handmade

Manual rotary grinding along neck rib, sleeve hems, and bottom hem with back-lockstitch reinforcement.

PRIVATE LABEL TRIMS & RETAIL PACKAGING

Screen-Printed Internal Size Tags

Tagless screen-printed neck branding with fiber content, care instructions, and country of origin.

Custom Damask Woven Neck Labels

Ultra-fine soft-edge woven tags sewn into the collar seam or heat-pressed with laser-cut edges.

Custom Heavyweight 600 GSM Hangtags

Thick luxury cardstock with matte lamination, metal eyelet, and wax cotton cord.

Frosted Biodegradable Polybags

Custom branded zip-lock bags with ventilation holes and SKU barcode sticker.

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)	Length (in)	Shoulder (in)	Sleeve (in)	Collar W (in)	Hem (in)
XS	40.0"	27.5"	19.5"	8.5"	7.0"	40.0"
Small	42.0"	28.5"	20.5"	9.0"	7.25"	42.0"
Medium	44.0"	29.5"	21.5"	9.5"	7.5"	44.0"
Large	46.0"	30.5"	22.5"	10.0"	7.75"	46.0"
X-Large	48.0"	31.5"	23.5"	10.5"	8.0"	48.0"
2-XL	50.0"	32.5"	24.5"	11.0"	8.25"	50.0"
3-XL	52.0"	33.5"	25.5"	11.5"	8.5"	52.0"

HOW TO MEASURE & TOLERANCE RULES

1. Chest Width:
Measured flat across chest 1 inch below the armhole seams.

2. Body Length:
Measured from highest point of shoulder (HPS) straight down to bottom hem.

3. Shoulder Width:
Measured straight across back from shoulder tip seam to shoulder tip seam.

4. Sleeve Length:
Measured from top shoulder point down along outer sleeve edge to cuff hem.

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/