THE PAK FIT INDUSTRIES
Mushtaq Plaza, Wazirabad Road Ugoki, Sialkot, Punjab 51310, Pakistan
Global OEM / ODM Sportswear Manufacturer • ISO 9001:2015 Certified

TECHNICAL PRODUCT DATASHEET
Reference Code: **PFI-SW-093-TDS** | Rev: 2026.1
Status: VERIFIED SPECIFICATION • EXPORT COMPLIANT

CATEGORY: COMPRESSION & BASE LAYERS

ORIGIN: SIALKOT, PAKISTAN

COMPRESSION SHORTS

SKU: PFI-SW-093 | Fit: Athletic Ergo-Cut

PRODUCT OVERVIEW & ENGINEERING

Compression Shorts is a performance-focused sportswear product from a professional sports apparel manufacturing program in Sialkot, Pakistan. It is designed for training, competition, layering, recovery and athletic performance and can be developed for clubs, academies, schools, sports brands, retailers and private-label customers.

KEY PERFORMANCE ATTRIBUTES

- Performance-oriented fabric selection
- Comfortable athletic construction
- Breathable and moisture-managing options
- Durable stitching and finishing
- Custom colors and artwork
- Sublimation, heat transfer and embroidery options

RECOMMENDED APPLICATIONS

Training • Club and academy teamwear • Training and competition • Sports events and tournaments • Schools and sports programs



Front Elevation View



Back Elevation



Flat-Lay Detail

TECHNICAL SPECIFICATION PARAMETER	MANUFACTURING SPECIFICATION & TOLERANCE
Product Name & SKU	Compression Shorts (Reference Code: PFI-SW-093)
Category Classification	Compression & Base Layers — Professional Sportswear Program
Primary Fabric Composition	Performance polyester or polyester-spandex blend, configurable
Fabric Weight / GSM	140 - 280 GSM (Tailored to matchday / climate requirements; configurable)
Knitting & Weave Structure	Interlock / Bird-Eye Micro-Mesh / Honeycomb moisture-wicking structure
Moisture Management	Hydrophilic capillary action; rapid sweat absorption & accelerated evaporation
Fit & Ergonomic Cut	Athletic / regular fit, customizable
Seam & Stitch Construction	4-needle 6-thread flatlock anti-chafing seams; reinforced stress bar-tacks
Size Range Available	XS-4XL; youth sizing available where required
Branding & Embellishment	Sublimation, heat transfer, embroidery, woven labels and packaging
Minimum Order Quantity (MOQ)	Sample and bulk quantities available by program
Color Fastness (ISO 105-C06)	Grade 4-5 to washing, perspiration, light exposure, and dry rubbing
Dimensional Stability	Shrinkage controlled within < 2.5% post commercial laundering

STANDARDIZED SIZING SPECIFICATIONS & MEASUREMENTS MATRIX

SIZE	WAIST RELAXED (IN / CM)	WAIST STRETCHED (IN / CM)	INSEAM (IN / CM)	OUTSEAM (IN / CM)	LEG OPENING (CM)	FIT PROFILE / NOTES
XS	26" / 66 cm	36" / 91 cm	6.5" / 16.5 cm	16.0" / 40.5 cm	28.0 cm	Athletic contour fit
S	28" / 71 cm	38" / 96 cm	7.0" / 17.8 cm	16.5" / 42.0 cm	29.0 cm	Club standard cut
M	30" / 76 cm	40" / 102 cm	7.5" / 19.0 cm	17.0" / 43.5 cm	30.0 cm	Pro match standard
L	32" / 81 cm	42" / 107 cm	8.0" / 20.3 cm	17.5" / 44.5 cm	31.5 cm	Pro match standard
XL	34" / 86 cm	44" / 112 cm	8.5" / 21.5 cm	18.0" / 46.0 cm	33.0 cm	Extended mobility fit
2XL	36" / 91 cm	46" / 117 cm	9.0" / 22.8 cm	18.5" / 47.0 cm	34.5 cm	Generous athletic cut
3XL-4XL	38-42" / 96-107 cm	48-52" / 122-132 cm	9.5" / 24.0 cm	19.0" / 48.5 cm	36.0 cm	Custom grading available
YOUTH	20-24" / 51-61 cm	28-32" / 71-81 cm	5.0" / 12.7 cm	13.0" / 33.0 cm	24.0 cm	Academy / Junior sizing

Measurement tolerances: ± 1.0 cm. Sizing can be adapted to exact buyer tech-pack specifications.

CUSTOMIZATION & EMBELLISHMENT CAPABILITIES

1. Digital Dye Sublimation
Full CMYK digital infusion with Italian Kiian inks. Zero hand feel, 100% breathable, permanent color vibrancy that never fades, cracks, or peels.

2. 3D Silicone & Heat Transfers
High-density textured silicone club crests, matte PU vinyl player names, numbers, sponsor artwork, reflective 3M safety accents, and metallic foils.

3. Computerized Embroidery
Ultra-dense multi-head computerized embroidery, 3D raised puff stitching, applique embroidery, and high-definition laser-cut woven patches.

4. Complete Private-Label Suite
Custom woven neck labels, heat-transfer size prints, satin washing instructions, custom FSC-certified hangtags, and branded eco-polybags.

QUALITY CONTROL & COMPLIANCE PROTOCOLS

Raw Material Inspection
4-point greige fabric inspection, yarn consistency check, GSM verification, and laboratory color-matching under D65 artificial light.

In-Line Stitching Audit
Continuous needle inspection, seam elasticity tension checks, SPI (Stitches Per Inch) verification (10-12 SPI), and seam burst resistance testing.

100% Pre-Shipment Audit
Full piece-by-piece final audit checking measurements, label placement, cleanliness, trimming, and export packaging compliant with AQL 1.5 standard.

COMMERCIAL PRODUCTION & SUPPLY CHAIN DATA

Sample Lead Time: 7 - 10 business days	**Bulk Production:** 2 - 3 weeks post-approval	**MOQ:** Flexible sampling; bulk 50+ pcs
Packaging: 1 pc/polybag with desiccant; export carton	**Export Terms:** FOB Sialkot, CIF, DDP Worldwide	**Logistics:** DHL Express, FedEx, Air & Sea Freight

MANUFACTURING EXCELLENCE — THE PAK FIT INDUSTRIES (SIALKOT, PAKISTAN)
THE PAK FIT INDUSTRIES is an ISO 9001:2015 certified sports apparel manufacturer based in Sialkot, Pakistan. We specialize in full-service custom teamwear, performance athletic wear, and private-label programs for clubs, academies, sports brands, and global distributors. Our end-to-end infrastructure combines in-house design, CAD pattern grading, digital sublimation, multi-head embroidery, automated cutting, precision sewing, and documented AQL quality inspection.
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