

RIGOR APPAREL — Fabric Spec Sheet

Updated: 2025-08-26 · Shantou & Guangzhou Supply Chain

Core Knit Fabrics

Fabric	Composition	Typical GSM	Common Uses	Notes
Single Jersey	100% Cotton / CVC / Modal	160–220	T-shirts, PJ tops	Soft handfeel; shrinkage control required.
Rib (1×1 / 2×2)	Cotton / CVC	180–260	Collars, cuffs, tanks	Good recovery; match body color.
Interlock	Cotton / Modal	180–260	Tees, dresses	Clean surface; less curl.
French Terry	Cotton / CVC	240–360	Sweatshirts, joggers	Loops inside; breathable.
Fleece (Brushed)	Cotton / CVC / Poly	260–400	Hoodies, sweatpants	Warmth; pilling test recommended.
Ponte / Roma	Poly / Rayon / Spandex	280–360	Skirts, dresses	Structured drape; good coverage.

Activewear Fabrics

Fabric	Composition	Typical GSM	Common Uses	Notes
Nylon/Spandex (Brushed)	80–90% Nylon / 10–20% Spandex	220–300	Leggings, bras	Soft “naked” feel; squat-proof tests.
Poly/Spandex (Interlock)	75–90% Poly / 10–25% Spandex	200–280	Leggings, tops	Moisture wicking; colorfastness check.
Warp Knit (Tricot)	Nylon/Spandex or Poly/Spandex	180–260	Performance tops, shorts	High stability; good recovery.

Care & Testing Guidelines

- Wash tests (colorfastness, dimensional stability) as per target market.
- Pilling resistance recommended for fleece/terry and brushed knits.
- Opacity and recovery tests for activewear leggings (squat-proof).
- Needle detection for underwear & mass retail programs (as required).
- Compliance documents available on request: OEKO-TEX, REACH, CPSIA.