

TECHNICAL DATA SHEET

Polyester French Terry (single-jersey base)

Weight	200-330 g/m ² (5.9-9.7 oz/yd ²)
Composition	100% polyester; a fine ground yarn plus an ~2× thicker loop yarn.
Knit type	French terry (loop-back) · Single Jersey
Use class	Everyday
Stretch	Mechanical stretch
Knit	A two-thread loop-back built on a jersey base; flat face, uncut terry loops on the reverse.
Hand	Full, soft and warm; flat face, looped back; clearly heavier than single jersey.
Typical use	Sweatshirts · hoodies · joggers
Strength	Soft loop-backed, bodied and warm — the mid-heavy base for sweats and hoodies.
Watch for	Back loops are uncut (not napped like fleece); heavy weights aren't for hot climates. Same structure as the French Terry family.

CERTIFICATIONS

- ISO 9001
- ISO 14001
- ISO 45001
- OEKO-TEX STEP
- STANDARD 100
- GRS · RCS

Width, gauge, finishing options and test standards are shared on request.

Typical technical ranges

Weight tolerance	±5% (typical); on light/fine jersey ($\leq 150 \text{ g/m}^2$) practically ±5-7%
Width	Open width 150-200 cm; tubular 70-110 cm (varies with machine diameter/inches and gsm)
Shrinkage (wash)	After-wash length/width -3% ... -7% (typical after heat-set; length usually higher); higher if not set / high-twist yarn
Color fastness	Wash 4-5; rubbing dry 4-5, wet 3-4; light 4-6 (lower bound on deep/bright and pale shades); perspiration (acid/alkaline) typically 4-5
Abrasion / pilling	Martindale ~20,000-40,000 cycles (smooth jersey, end-use dependent); pilling 3-4. Brushed/raised variants (fleece) more prone
Gauge / yarn	Machine gauge ~E20-E28 (fine sport jersey E28-E32); yarn typically 75-150 den PES filament (DTY), 50-75 den on fine gauge, heavy jersey 150-300 den

These ranges are industry-TYPICAL / indicative values based on construction and fiber, not Fersan's binding QC measurements. Exact values are confirmed per order, approved sample and lot-based QC report.

Related reading: [Polyester Knit Basics: The Backbone of Performance](#) ·

[Single Jersey vs Interlock: Choosing a Polyester Knit](#) · [GSM Weight Guide: Choosing the Right Fabric Weight](#) · [The Weight Map: Which Knit Goes Where, from 80 to 400 g/m²](#)