

TECHNICAL DATA SHEET

Polyester Piqué with Elastane

Weight	180-240 g/m ² (5.3-7.1 oz/yd ²)
Composition	~94-96% polyester / 4-6% elastane (spandex); most commonly ~5%.
Knit type	Piqué + elastane · Piqué
Use class	Sport
Stretch	2-way stretch
Knit	Elastane fed into the piqué (knit+tuck) base; in most circular piqué it runs one way → 2-way stretch.
Hand	Textured surface but more elastic, body-skimming and soft; less bagging at collar/cuff.
Typical use	Stretch polos · slim-fit sport tops · training
Strength	A performance piqué that hugs the body and keeps its shape with stretch and recovery.
Watch for	Elastane suffers from high heat/chlorine/bleach; most qualities are 2-way (4-way needs special builds).

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); ±5-7% for relief/jacquard or elastane builds
------------------	---

Width	Open width ~150-190 cm; tubular ~70-95 cm — depends on machine diameter/gauge and stenter/draw setting, set at finishing
Shrinkage (wash)	100% PES wash shrinkage length/width ~-1% to -4% (near the low end with good heat-set); elastane piqué -3% to -6%
Color fastness	Wash 4-5; rubbing dry 4-5, wet/dark-brilliant shades 3-4; light 4-6 (medium/dark shades often 5+) · ISO grey scale
Abrasion / pilling	Martindale ~15,000-30,000+ cycles (abrasion, depends on end use/finish); pilling typically 3-4, up to 4 with anti-pill finish · ISO 12947 / ISO 12945
Gauge / yarn	Standard piqué ~E18-E28 (classic polo mostly E20-E24); mini/fine piqué ~E28-E32; yarn ~75-150 denier textured filament

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: [Mesh and Piqué: Breathable Polyester Knits](#) ·

[Piqué, Bird's-Eye and Mesh: The Anatomy of Breathable Polyester Knits](#)