

TECHNICAL DATA SHEET

Polyester Interlock

Weight	170-260 g/m ² (5.0-7.7 oz/yd ²)
Composition	100% polyester (e.g. 75D/72f textured filament yarn); rPET common, elastane-free.
Knit type	Interlock (double-knit) · Interlock
Use class	Everyday
Stretch	Mechanical stretch
Knit	A stable double-face knit where cylinder and dial needles interlock two ribs on a double-bed machine.
Hand	Smooth, dry, even; fuller and less draping than single jersey, bodied; semi-matte.
Typical use	Promo/team tees (sublimation) · performance tops · polos
Strength	A non-curling, double-faced, opaque and stable base — easy to print and sew.
Watch for	Without elastane, stretch/recovery is limited; the drape is stiffer than single jersey.

CERTIFICATIONS

ISO 9001	ISO 14001	ISO 45001	OEKO-TEX STEP	STANDARD 100	GRS · RCS
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Width, gauge, finishing options and test standards are shared on request.

Typical technical ranges

Weight tolerance	±5% (typical); may run ±5-7% on heavier/technical qualities
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Width	Open width ~150-185 cm; tubular ~80-100 cm (varies with cylinder diameter and weight)
Shrinkage (wash)	Width/length ~-3% to -6% (typical, target $\leq$ ~5%); first-wash length may run slightly higher
Color fastness	Wash 4-5; rubbing (dry) 4-5, (wet) 3-4 (lower wet on deep/bright shades); light 4-6 (deeper shades higher)
Abrasion / pilling	Martindale ~20,000-40,000+ rubs (plain interlock, dense double-face structure); pilling ~3-5 (typically 4-5 on flat filament; textured/staple content or softener can drop a grade)
Gauge / yarn	Machine gauge ~E18-E28 (E20-E24 typical for mid-heavy 170-250 g/m ² ; fine sport interlock up to E28); yarn ~75-150 den DTY (50-75 D on fine qualities, 167-300 D on heavy)

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](#) · [Knit Quality Testing: What to Measure in Polyester](#)