

TECHNICAL DATA SHEET

Power Net (Elastane Raschel)

Weight	150-240 g/m ² (4.4-7.1 oz/yd ²)
Composition	Polyester-based: ~72-82% polyester / 18-28% elastane (spandex); the elastane ratio is tuned to the support level.
Knit type	Power net (elastane warp knit) · Raschel
Use class	Sport
Stretch	4-way stretch
Knit	Made on a Raschel warp-knitting machine: yarns are looped in the vertical warp direction with elastane bound in on every course. This is technically different from the site's mesh & net family (which is weft/circular knit); warp knitting gives power net high dimensional stability and run resistance.
Hand	Firm, full and recovering; smooth flat surface with a clear support feel; stretches 4-way and snaps back strongly.
Typical use	Swimwear · corsetry/shapewear · sports lining/support panel
Strength	A recovering warp-knit base that combines high support and 4-way stretch with dimensional stability.
Watch for	The high elastane ratio makes the fabric firm and less breathable; excess heat/chlorine fatigues the elastane over time.

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.

Related reading: [Beyond Circular Knitting: Warp Knitting and Weaving](#) ·

[Tricot or Raschel? A Warp-Knit Selection Guide](#) · [Warp Knitting's Hidden Superpower: 3D Spacer Fabric](#)

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