

TECHNICAL DATA SHEET

Elastane-Covered (Gimped) Yarn

Elastane-Covered (Gimped) Yarn — Activewear (leggings, sports bras) · swimwear · stretch-denim weft · socks/hosiery · seamless/shapewear · waistbands/elastics. Adds high stretch + recovery to an inelastic yarn; the sheath protects the core from abrasion/heat/chemicals; DCY gives full coverage and balanced torque.

Construction	Pre-tensioned elastane core wrapped in polyester/nylon filament · SCY · DCY · ACY · core-spun
Process	Covering/wrapping; core denier typically 20-70D — on request
Luster	Varies with the sheath yarn (semi-dull typical)
Yarn family	Elastane-Covered (Gimped) Yarn
Typical use	Activewear (leggings, sports bras) · swimwear · stretch-denim weft · socks/hosiery · seamless/shapewear · waistbands/elastics
Strength	Adds high stretch + recovery to an inelastic yarn; the sheath protects the core from abrasion/heat/chemicals; DCY gives full coverage and balanced torque.
Watch for	Single-cover (SCY) can show residual torque and grin-through under stretch — eliminated by DCY; chlorine/UV resistance comes from the spandex grade, not the covering.

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: [Polyester Blends: Cotton, Elastane, Modal](#) ·

[With or Without Elastane? Stretch and Recovery in Polyester Knits](#) ·

[DTY, ATY and ACY: Which Textured Yarn for Which Fabric](#)