

## COLLAGEN

- **Extraction:** Collagen is obtained from natural animal sources, typically through hydrolysis (breaking down the protein into smaller peptides).
- Purification: The extracted collagen undergoes a refining process to remove impurities.
- Processing: It is converted into a fibrous or powder form, making it suitable for blending with textiles, cosmetics, and other applications.
- Integration into Fabrics: Collagen fibers or microparticles are infused into textiles to enhance their softness, durability, and skin-friendly properties.
  - Soft and luxurious feel
  - Natural skin hydration
  - Sustainable and biodegradable
  - Excellent drape and durability

At JACOLI, we produce and sell collagen fabrics, knits, and yarns, blended with polyester, linen, lyocell, modal, polyamide, and more! Our collagen textiles are available in widths from 1.20m to 3.20m, ideal for garments and home textiles.

We also offer collagen-blended yarns, with counts ranging from Ne3 to Ne60. These blends can contain up to 50% collagen, though commercially, the optimal and viable percentage is up to 30%, delivering unique effects depending on the application.