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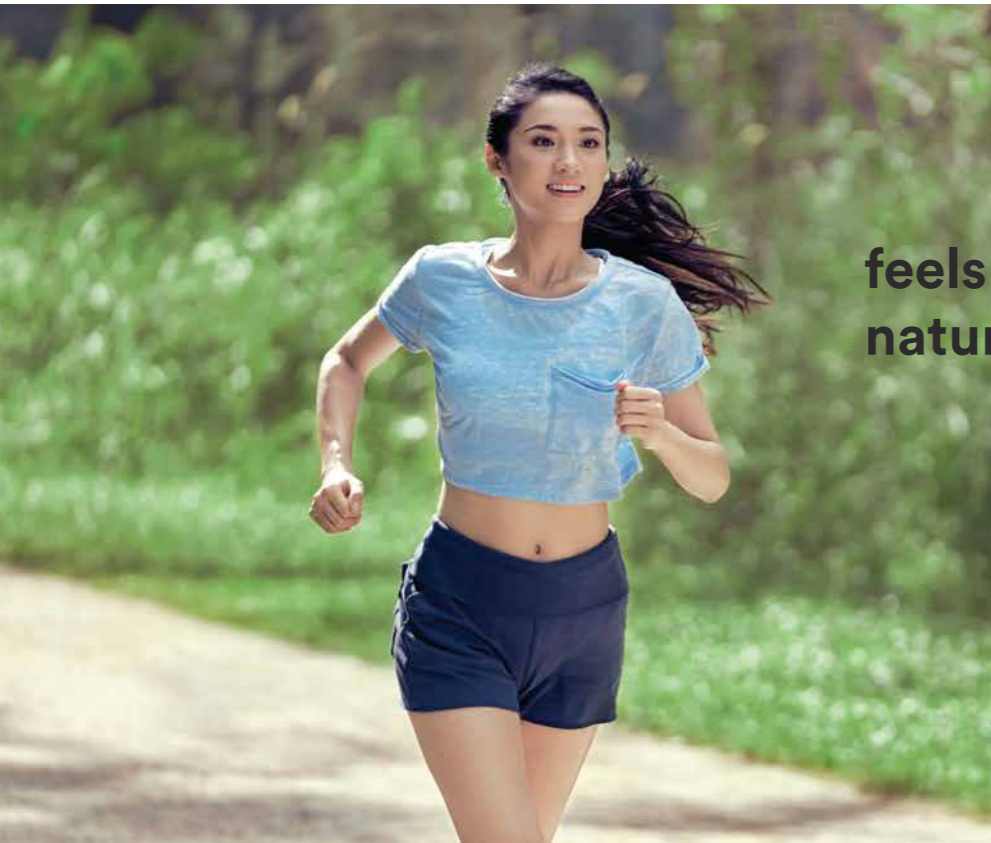
**Lenzing**  
Innovative by nature

# feels refreshing, naturally



TENCEL™ Active

 **Tencel™**  
Feels so right



feels refreshing,  
naturally

# TENCEL™ Active

TENCEL™ Active cellulose fibers of botanic origin keep your body pleasantly cool and dry with their natural comfort and versatility, enabling freedom to move with confidence.

The TENCEL™ brand is a family of fibers well suited for sporting activities. Efficient moisture management is assured as a result of the fiber's structure. Submicroscopic canals between the microscopic fibrils of cellulose fibers regulate the absorption and release of moisture, which contribute to your performance of physical activity by keeping your body pleasantly cool and dry.



### botanic origin

TENCEL™ branded lyocell fibers are derived from sustainable wood sources, harvested from certified and controlled sources using a closed loop production process.  
TENCEL™ branded modal fibers are mainly manufactured from the renewable source of raw material beech wood, sourced from sustainable forests in Austria and neighboring countries, produced by Eco Soft technology.

## applicable technology



### Eco Color technology

Eco Color technology implements the process of dope dyeing, where color pigments are deeply embedded into TENCEL™ Modal fibers. Dope-dyeing provides efficient ecological advantages, whereby resources are used sparingly. This eco-responsible technology offers long-lasting color-fastness and design flexibility in fabrics.



### Micro technology

Micro technology offers even a finer quality of lightness and exquisite softness to cellulosic fibers, producing lightweight fabrics with long-lasting comfort. TENCEL™ Lyocell and Modal Micro fibers are extra fine and light, offering efficient moisture absorption to ensure natural skin comfort.



### Eco Soft technology

TENCEL™ Modal fibers are produced by Eco Soft technology, offering exquisite softness to textiles. The technology uses elemental chlorine-free bleaching in an integrated pulp to fiber process that has high recovery rates of process ingredients, making this fiber an environmentally responsible choice.



### REFIBRA™ technology

The pioneering REFRIBA™ technology involves upcycling cotton scraps e.g. from garment production, in addition to wood pulp, where the raw material is transformed to produce new virgin TENCEL™ Lyocell fibers to make fabrics and garments.

## feels right features

Blending TENCEL™ Lyocell and Modal fibers with synthetic fibers result in high performance sportswear for athletic activities, which can generate high levels of perspiration. When used in the right fabric design, TENCEL™ Lyocell and Modal fibers offer a quick drying effect through efficient moisture absorption, spreading, and buffering, resulting in enhanced breathability and thermal comfort.

### TENCEL™ athleisure

In addition to high performance sportswear, the qualities of TENCEL™ Lyocell and Modal fibers make it suitable for the growing athleisure category – designed for general wear and moderate exercise. TENCEL™ fibers will favorably influence athleisure aesthetics with their highly saturated colors, sheen, and smooth handfeel.



### color retention

Color pigments embedded in dope-dyed fiber retain long-lasting color vibrancy more than conventionally dyed fiber, and are less prone to fade even after repeated washing.



### thermal regulation

The smooth fiber surface of TENCEL™ Lyocell fibers absorbs moisture more efficiently than cotton. This supports the body's natural thermal regulating mechanism, keeping your skin feeling pleasantly cool and dry throughout any sporting activity.



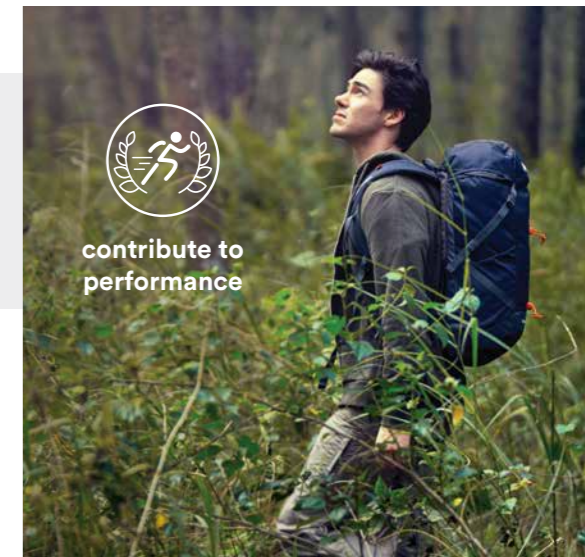
### gentle on skin

TENCEL™ Lyocell fibers are naturally soft to the touch and offer long-lasting comfort. When viewed under an electron microscope, TENCEL™ Lyocell fibers exhibit a smooth surface area, giving fabrics a smooth feel and ensuring comfort for sensitive skin.



### unfavorable for bacterial growth

Through moisture management, TENCEL™ Lyocell fibers absorb moisture efficiently. In comparison to polyester and synthetics, there is less available moisture formed on the surface of the fiber for bacteria to grow. Consequently, TENCEL™ Lyocell fibers provide a less favorable environment for bacterial growth, offering better hygienic qualities.



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performance