

# **TENCEL™** Intimate

TENCEL™ Intimate cellulose fibers of botanic origin lightly embrace your body with such a gentle touch of softness they practically go unnoticed.



Derived from renewable wood sources, TENCEL™ Intimate cellulosic fibers gently embrace your body with long-lasting softness to help your skin feel pleasantly cool and dry throughout the day. As a result of the smooth fiber surface, TENCEL™ Intimate cellulosic fabrics offer an exquisitely gentle quality that creates a barely there feel. Through efficient moisture management, TENCEL™ Lyocell and Modal cellulosic fibers contribute to more breathable fabrics and provide a less favorable environment for bacterial growth, offering better hygienic qualities.

# feels soft, naturally

# feels right features



# botanic origin

TENCEL™ Lyocell and Modal fibers are manufactured from the renewable source of raw material wood, harvested from certified and controlled sources following the stringent guidelines of the Lenzing Wood and Pulp Policy.



# supply chain transparency

With fiber identification technology based on a special production process, TENCEL™ fibers can be verified as authentic in the value chain through Lenzing testing. This method of identification supplements transparency and traceability in the supply chain and ensures the authenticity of TENCEL™ fibers.



# carbon neutral

Carbon-zero TENCEL™ Lyocell and Modal fibers contribute to reducing climate impact. Acting on Lenzing's commitment to the Science Based Targets initiative and supporting the UN Sustainable Development Goals, carbon-zero TENCEL™ Lyocell and Modal fibers are third party certified as carbon neutral by means of carbon emission reduction and respective compensation measures. These fibers contribute to protecting the environment and reducing climate change, are developed with three pillars:

- lowering carbon emissions,
- using renewable energy sources at Lenzing production sites, and
- supporting verified global carbon reduction projects to compensate for fiber related emissions that are not yet avoidable.



## 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 soft feel and ensuring comfort for sensitive skin.



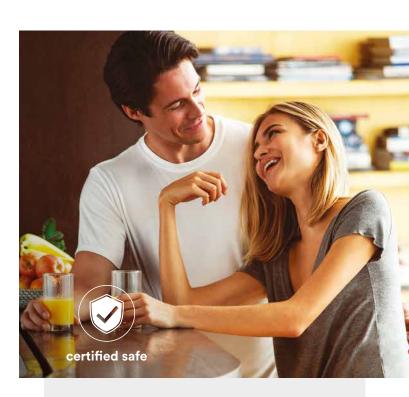
# contributes to breathability

TENCEL™ Lyocell and Modal fibers support body temperature regulating properties through their moisture management. Derived from natural material, the microscopic fibrils of lyocell cellulosic fibers and sub-structure of modal fibers are structured to regulate the absorption and release of moisture. This contributes to fabric breathability that supports the body's natural thermal regulation.



# long-lasting softness

Exhibiting high flexibility, TENCEL™ Modal wood-based fibers offer textiles a long-lasting quality of exquisite softness. Owing to the fiber's sleek cross section, TENCEL™ Modal fibers enhance the soft touch of fabrics even after repeated washing.



The STANDARD 100 by OEKO-TEX® certification confirms that TENCEL™ Lyocell and Modal fibers have been tested for numerous regulated and non-regulated harmful substances and are therefore harmless for human health.

# applicable technologies



# **Eco Clean technology**

Both pulp and LENZING™ Modal Eco Clean fibers are bleached by a totally chlorine-free process. Owing to the gentle bleaching process, textiles made predominantly of such fibers tend to be softer compared to conventionally bleached TENCEL™ Modal fibers.



#### Micro technology

Micro technology offers an even finer quality of lightness and exquisite softness to cellulosic fibers, producing lightweight fabrics with long-lasting comfort. Fabrics containing TENCEL™ Lyocell and Modal fibers with Micro technology offer 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 integrated pulp-to-fiber process that has high recovery rates of process ingredients and generates very low emissions to air, making this fiber an environmentally responsible choice.



# REFIBRA™ technology

The pioneering REFIBRA™ technology involves upcycling cotton scraps 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.

# contact for further information

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