



**feels comfortable,  
naturally**



**TENCEL™ Home**



Feels so right

# TENCEL™ Home

**TENCEL™ Home cellulose fibers bring the gentle essence of nature into your home to create a sanctuary of long-lasting comfort.**

TENCEL™ Home textiles offer you long-lasting natural comfort and pure living environments. TENCEL™ Lyocell and Modal fibers are exquisitely soft to the touch, enhancing your quality of sleep and home life.

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**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.



## sustainable production

TENCEL™ Lyocell fibers have gained the reputation for their environmentally responsible closed loop production process, which transforms wood pulp into cellulosic fibers with high resource efficiency and low ecological impact. This solvent-spinning process recycles process water and reuses the solvent at a recovery rate of more than 99%.



## 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.



### 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.



### color retention

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



### unfavorable for bacterial and dust mite growth

TENCEL™ Lyocell fibers absorb moisture efficiently. In comparison to polyester and synthetics, and even to cotton, 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. The high moisture absorption ability also generates a less favorable ambience for dust mites compared to cotton.



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 soft surface area, giving fabrics a soft feel and ensuring comfort for sensitive skin.

## applicable technologies



### Eco Color technology

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



### Eco Soft technology

TENCEL™ Modal fibers are produced by Eco Soft technology, offering exquisite softness to textiles. The technology uses an 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.



### 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.



### 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.

# basic bedding & bed linen

Due to the microscopic fibril structure of TENCEL™ Lyocell cellulose fibers, bedding and bed linen containing these fibers support the body's natural thermal regulation mechanisms and help your body maintain a comfortable temperature and feel pleasantly dry. TENCEL™ Lyocell fibers exhibit a smooth surface, ensuring bed linen has an exquisitely silky handfeel and natural sheen that gently envelop your body. This range of features contributes to sleep quality, enhances relaxation and gives you a restful night's slumber.





## towels

TENCEL™ Modal fibers in home fabrics are exceptionally soft on your skin and have excellent moisture absorption, enabling towels to dry you quickly. In comparison to cotton, TENCEL™ Modal fibers remain soft over time and are able to withstand repeated wash and dry cycles, allowing fabrics to retain their softness.

TENCEL™ Modal fibers in towels enhance color brilliance, making them shine perceptibly more vibrantly than cotton towels.





# interiors

## upholstery, rugs & curtains

Naturally soft to the touch, TENCEL™ Lyocell cellulose fibers keep your living spaces pleasantly comfortable. Displaying a luxurious sheen and silky surface, TENCEL™ Lyocell fibers make upholstery, rugs, and curtains shine radiantly with vibrant colors.



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