

Sustainability
Fiber



Tencel™

Feels so right



STELLINI

Italian Style In Ticking Since 1947

A NEW STANDARD FOR SUSTAINABILITY

STELLINI fabrics made with TENCEL™ Lyocell fibers are a solution for optimal comfort and better sleep: a completely natural environment in your bedroom!

TENCEL™ fiber is without doubt ideal for the production of completely natural fabrics as it is extracted from a noble material: wood. TENCEL™ Lyocell fibers can be combined with a wide range of fibers such as cotton and polyester to enhance the functionality of the fabric.

All fabrics produced from STELLINI containing TENCEL™ fibers are accurately selected and certified. After the approval, the fabric is ready to be used for any of your projects.



A BOTANIC ORIGIN

Feels right, Naturally

The fiber production process is completely eco-friendly - so anyone who chooses an item with TENCEL™ fibers knows that they have chosen a completely natural, but extraordinarily effective, product that comes from sustainably managed forests.

All TENCEL™ standard Lyocell fibers types have been certified as biodegradable and compostable under industrial, home, soil, fresh water and marine conditions, thus they can fully revert back to nature.



Forest



Wood



Pulp



Fiber



Fabric

A RECOGNISED QUALITY

A sustainable production

TENCEL™ fibers are biodegradable and made from wood pulp. TENCEL™ Lyocell is a regenerated cellulose fiber made by a clean process which causes less effluent problems and less pollution than the process of making generic viscose rayon. Few chemicals are used, and water are almost recycled, which makes the process economically favourable. This process received an Award from the European Commission in the category "The Technology Award for Sustainable Development".

COTTON

WOOL

TENCEL™
Lyocell

The main features

*Electron microscope:
details of fibers*



CONTRIBUTES TO BREATHABILITY

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.



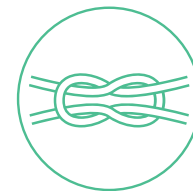
MINIMAL STATIC CHARGE

The ability to absorb moisture makes TENCEL™ Lyocell fibers tension-free with lower electrostatic charging. In comparison with synthetics, there is an absence of electrostatic charge under normal atmospheric conditions.



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.



A STRONG FIBER

TENCEL™ Lyocell fibers are versatile and distinguished by their high tenacity prole among cellulose fibers.



DRAPE EFFECT

Fabrics containing TENCEL™ Lyocell fibers produce a smooth drape, creating a flattering appearance.

TENCEL™ Lyocell in a nutshell



Gentle on Skin



Botanic Origin



Unfavorable for
bacterial growth



Contributes to
Breathability



Thermal
regulation

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