

Natural + Sustainability
Yarn

Natural + Sustainable



EMPOWER NATURE

Nature for the well-being of Sleep

STELLINI has created an exclusive line of fabrics made with natural and sustainably sourced fibers, carefully selected to offer superior comfort and a reduced ecological footprint.

NATURAL

- Bamboo
- Cashemire
- Cotton
- Kapok
- Linen
- Silk
- Wool

SUSTAINABLE BRANDS

- REUSE
- SEAQUAL INITIATIVE
- SUPREME GREEN
- COTTON
- TENCEL™
- ECOVERO™
- SEACELL
- MA_100% PP

Nature & Wellness
Yarn

NATURAL

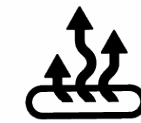
FUNCTIONAL LIKE...

Bamboo

Products made from this fibre are exceptionally soft yet very durable. They are perfectly breathable and therefore fresh at all times, with a natural antibacterial effect that also eliminates odours and discomfort.

The fibres are elastic, environment-friendly, and biodegradable. The fiber is bacteriostatic, anti-fungal, antibacterial, hypoallergenic, hygroscopic, natural deodorizer, and resistant against ultraviolet light. Furthermore, it is highly durable, stable and tough and has substantial tensile strength, also it grows so quickly.

Properties



Breathable



Anti-odour



Soft to the touch



Long Lasting



AS REFINED AS...

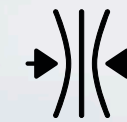
Cachemire

An extremely high quality fabric created with one of the most famous wools in the world: Cashmere. Synonymous with luxury thanks to its exceptional quality, toughness and softness, Cashmere also has excellent thermoregulating properties. Indeed, its structure “entrap” the air, offering a natural insulating environment, and it can also absorb up to 40% of the moisture. Therefore, not only beauty, prestige and comfort, but much more. For this reason Cashmere is without doubt one of the most popular of our “high” range of jacquard and knitted fabrics for mattresses.

Properties



Thermoregulation



Elastic



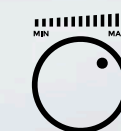
Igroscopic



Light and soft



Antistatic



Maximum Warmth

RAW LIKE...

Hemp

Very resilient and easy to grow plant, it can renew up at 3 times a year, fact which makes hemp the material with a less harmful environmental impact origin. Hemp grows with ¼ less water compared to cotton, is very strong (+ 3 times stronger than other fibers like cotton.) Is the best in terms of sustainability - very durable, Anti-microbial and UV resistance, Naturally resistant to mold, mildew, rot! Any product made of hemp is easily recyclable. Is Superior absorbency, due to its porous nature, means that it is very breathable and quick drying. Hemp can absorb up to 20% its own weight while still feeling dry to the touch.

Hemp fabric does have a rustic character combined with a silky shiny look - the fiber is naturally UV resistant, breathable, absorbent and biodegradable.

Properties



Thermoregulation



Breathable



Mold resistant



Soft to the touch



Recyclable



Resistant over time



Eco-friendly



Allergenic



SOFT LIKE...

Cotton

Cotton is primarily composed of cellulose, an insoluble organic compound crucial to plant structure, and is a soft and fluffy material. The fiber is most often spun into yarn or thread and used to make a soft, breathable, and durable textile. The fiber thanks of its properties can be combined with different fibers in order to have different properties to the fabric. As a natural fiber, cotton is a fully biodegradable material.

Properties



Breathable



Soft to the touch



Natural and recyclable



Antistatic



Long lasting



Moisture management

LIGHT LIKE...

Kapok

A tropical plant grows in South-East Asia and Africa from which Kapok is obtained, a natural fiber whose structure is very similar to cotton, but with a hollow fiber: a characteristic that gives it exceptional lightness and temperature regulating properties. Combined with other natural fibers, it can create yarns with unique qualities without the need for chemical treatments.

Properties



Thermoregulation



Breathable



Antibacterial



Light and soft



Natural and
recyclable



WARM LIKE...

Wool

Wool helps us to create an exceptional fabric that will make your mattress warm and comfortable, but also cool when needed, creating a thermal barrier that will keep the temperature constant during sleep.

Highly flame-resistant, naturally anti-microbial, Hypoallergenic. Wool can soak up to as much as 30% of its weight in moisture without feeling wet. Extremely Flexible. Wool has the ability to regulate body temperature.

Properties



Thermoregulation



Breathable



Antibacterial



Soft to the touch



Natural and recyclable



Max. Comfort



RESISTANT LIKE...

Linen

Linen is a completely natural fibre obtained by processing the plant of the same name.

The entire flax plant can be used, which means that almost no waste is left over from the spinning and weaving process. If organically processed without chemicals or intensive dyes, it also means no water pollution is made, fact which make of linen one of the best choices in saving resources.

A precious fabric, beautiful to look at, practical to use, linen is practically indestructible, thanks above all to its low elasticity which makes it non-deformable over time. It is hypoallergenic, a natural thermoregulator with good heat conductivity characteristics. It is claimed, that heat conductivity of linen is 5 times higher than wool and 18 times higher than silk. For this series of reasons, we have decided to develop with this yarn a range of jacquard and knitted fabrics that will radically change your idea of beauty and quality of life.

Properties



Thermoregulation



Hygroscopic



Antistatic



Long lasting

SMOOTH LIKE...

Silk

A natural fiber known and appreciated since the dawn of time: silk. Silk is beautiful, pleasant to touch but above all soft and comfortable like few other fabrics. It is hypoallergenic and hygroscopic, able to effectively absorb moisture, guaranteeing the best conditions for ideal sleep quality. For its extraordinary qualities, silk is ideal for sophisticated and luxurious jacquard fabrics. Its look is shiny, luminous and bright.

Properties



Thermoregulation



Breathable



Light and soft



Hypoallergenic



Hygroscopic



Elastic

SUSTAINABLE BRANDS

REUSE

ReUSE

As the call for sustainability continues to grow, so do the options for eco-friendly materials. Typically, plastic bottles are made from polyethylene terephthalate (PET), which is a highly recyclable material. Polyester yarn is one of its promising new applications and we are excited to put it into use with our Re-Use fabric.

More than just finding a new life for waste, it is the way it is produced and how it can be reused that makes Re-Use so unique: the production process of the fiber reduces soil contamination, air and water pollution; Saves natural resources and energy; Is endlessly recyclable.

Properties



Eco-friendly origin



Soft to the touch



Recyclable



SEAQUAL INITIATIVE

SEAQUAL INITIATIVE is pursuing a dream that we want to make a reality: ridding the oceans of plastic and marine litter. The project is based on the recycling of plastic so that it can be used in the production of a new yarn, the SEAQUAL® YARN. SEAQUAL INITIATIVE voices an emotion and a commitment to fight plastic pollution and help local communities move towards a circular economy. When we use SEAQUAL® YARN we are helping to clean our oceans.

The yarn, so far obtained from the disposal of over 200 tonnes of plastic waste from Oceans, Beaches and surrounding areas, becomes a new ally for the production of mattresses with an innovative fabric: washable and applicable to our entire product range.

SEAQUAL® YARN is a high quality 100% post-consumer recycled polyester yarn containing SEAQUAL® MARINE PLASTIC and polyethylene terephthalate, as well as being GRS certified.

SEAQUAL INITIATIVE offers those who choose

Properties



Eco-friendly



Breathable



Soft to the touch

it the chance to take a small but big step towards building an environmentally sustainable world.

STELLINI GROUP supports **SEAQUAL INITIATIVE.**



SUPREME GREEN COTTON

The fabric we make comes from carefully selected non-GMO cotton, grown using sustainable practices on family farms in Greece. It is ginned separately in the same area where it is grown: the bales of cotton leave the ginning mill for the spinning mills, located a few kilometres away, where the cotton is spun.

All **SUPREME GREEN COTTON** fabrics produced from STELLINI are accurately selected and certified from the mother company in Greece. After the approval, the fabric is ready to be used for any of your projects.

Properties



Breathable



Soft to the touch



Eco-friendly



Antistatic



Resistant over time



Moisture management



TENCEL™

TENCEL™ cellulosic fibers of botanic origin define a new standard of sustainability and natural comfort. TENCEL™ Lyocell fibers are extracted from sustainably grown wood using a unique closed loop system which recovers and reuses the solvents used, minimizing the environmental impact of production. Unique physical properties lead to their high tenacity profile, efficient moisture management and gentleness to skin. Eucalyptus fibers TENCEL™ Lyocell provide natural protection against bacteria, fungi and dust mites. TENCEL™ Lyocell fibers are versatile and can be combined with a wide range of fibers such as cotton and polyester, reuse to enhance the functionality of the fabric.

All fabrics produced from STELLINI containing LENZING™ TENCEL™ fibers are accurately selected and certified from Lenzing AG, the brand's mother company. After the approval, we are able to provide its certified fabrics for any of your need.

Properties



Mold resistant



Antibacterial



Breathable



Natural



LENZING
EcoVero™

ECOVERO™

Derived from certified renewable wood sources using an eco-responsible production process by meeting high environmental standards, STELLINI fabrics containing LENZING™ ECOVERO™ fibers are an eco-friendly solution for your best project involving viscose fabrics.

Ecovero offers the following benefits:

- Up to 50% lower CO2 emissions & water impact*
- Supply chain transparency and eco-responsible production
- Sustainable wood and pulp sourcing
- Certified eco-responsible
- The fibers are fully biodegradable

All fabrics produced from STELLINI containing LENZING™ ECOVERO™ fibers are accurately selected and certified from Lenzing AG, the brand's mother company. After the approval, we are able to provide its certified fabrics for any of your need.

*As compared to generic viscose

Properties



Breathable



Soft to the touch



Naturale



Recyclable



Eco-friendly



SEACELL

SEACELL

SEACELL is a fiber made from renewable resources - wood and seaweed – using methods that save both energy and resources. The fibres are obtained from natural, non-chemically treated sources. In the fields in Ireland where it is harvested, only the upper part of the seaweed is removed, allowing it to regrow and thus not damaging the environment. The plants will later be reusable after re-germination, which makes the whole process more sustainable.

Not everyone knows that seaweed has many beneficial properties for our body: thanks to the substances it contains, such as minerals, vitamins and amino acids, this small marine plant can help protect the skin from external agents! The fabric is delicate on the skin and protects against irritation, itching and inflammation, especially in sensitive skin.

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

Properties



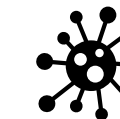
Max comfort



Light and soft



Eco-friendly



Anallergic



Biodegradable



Jeans
SELECTION

Jeans

JEANS Selection, recycled denim: from items of clothing to mattress fabric. Over 80 billion items of clothing are produced annually, generating more than 16 million tones of textile waste. The accumulation of textile waste is gradually increasing, placing a burden on the health of our planet. From the design and development stages through to production, we believe in the conscious use of materials, giving them new life in fabrics for mattress borders and panels. It is produced out of 100% post-consumer colored materials, so we don't need a dyeing process: in this way we save water, energy and chemicals.

JEANS Selection is a new collection of mattress fabrics made from recycled, eco-friendly denim yarn. Available in a wide range of colours, these fabrics will give your mattress a distinctive look, with particular attention paid to the environment.

Properties



Eco-friendly
origin



Recyclable



MA_100%PP

MA_100% PP

Our fabrics made of 100% Polypropylene cannot certainly be considered sustainable from the point of view of the material used, but for the method of production of the fabric.

MA100% PP is an exclusive circular knitted fabric of the Stellini Group with two main features: the one-of-a-kind composition, 100% polypropylene component, which makes it a completely recyclable single-component item - and the unique production method, capable of saving energy, pollution and resources, produced at Km 0 in our Italian factory, from the polymer to the fabric. Waterproofing and resistance to UV rays make this knitted fabric suitable also for outdoor applications.

Quality is not a compromise: MA_100% PP is the winner of the Interzum Award in the High Product Quality category.

Properties



Eco-friendly origin



Recyclable



Breathable



Hygroscopic



Naturally antibacterial



High
Product
Quality

Discover our news and solutions on stellinigroup.com

Europe | Italy
Stellini Textile Srl
T +39 0331 072501
info@stellinigroup.com

USA
CT Nassau Mattress Tape
T +1 336 570 009
salesmgt@ctnassau.com

Russia
Stellini.RU
RU: 8 800 550 19 47
Out of RU: +7 4932 57 48 24
infoweb@stellinigroup.ru

More info
communication@stellinigroup.com

Copyright – ©Stellinigroup 202.
All rights reserved. No part of this document
may be reproduced without prior written
permission. Stellini reserves the right to
change the composition of its products and
communication tools without prior notice.