# Weaving sustainability. Circular economy solutions in the textile industry

**MATERIALS FOR SUSTAINABLE DEVELOPMENT** 



TEXTIL SANTANDERINA SINCE 1923



GROUP

## Santanderina is a leading European textile industry group





TEXTIL SANTANDERINA SINCE 1923





**Acabats del Bages**, S.A.



#### SANTANDERINA

#### GROUP



galicia textil, s.a. Fábrica de tejidos



Gildelasal



#### **TS Digital Print**



# We have a complete, traceable, vertical production system



Spinning Design Weaving Finishing Coating Printing Making up



# We have 10 high-capacity production plants



#### **Annual fabric production > 40 million metres**

# We have 10 high-capacity production plants

#### **Annual fabric production > 40 million metres**



## We distribute flexibly all over the world

### million garments



40 million metres

(annual distribution)

#### 40.000 tonnes of yarn



# "We are what we do and how we do it"

#### Juan Parés

## Integrated management system policy

#### **Mission:**

To create value sustainably, with an efficient, cost-effective service showing responsibility, integrity and respect for people and the environment.

Vision:

To be a leading company in the textile industry at world level.

TEXTIL SANTANDERINA SINCE 1929

## At Santanderina we optimise water management with more sustainable manufacturing processes



## We have developed an innovative project to reduce the microplastics reaching the ocean from washing



## Our production process uses less chemicals and solvents to improve air quality





We have committed ourselves to alternative, natural and organic raw materials to reduce the use of synthetic materials

# We develop finishes for healthier, more ethical fabrics



#### We have signed the UN Global Compact and are committed to its social and sustainable development goals









**R/TURN by Santanderina shows** our broadest understanding of the circular economy, traceability and its impact on our industry's value chain, from product design to the consumer. We are weaving fabrics for change.





We are committed to developing a new ecosystem, where we want to build a sustainable textile world that is environmentally friendly and socially egalitarian, through innovation and by establishing stable relationships, based on traceability and ethics. Responsible Respectful **Sustainable** Traceable **Ethical Eco-friendly** 



Achieving sustainable textile solutions requires rigorously addressing the impact we generate today, reducing greenhouse gas emissions and the carbon footprint, optimizing the use of resources, and developing traceable and environmentally friendly production processes.



#### Highly certified for its environmental and social commitment:





**OEKO-TEX**® CONFIDENCE IN TEXTILES **STANDARD 100** 980887 AITEX



Tested for harmful substances. www.oeko-tex.com/standard100

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Tested for harmful substances. www.oeko-tex.com/standard100



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Forest Management www.pefc.org





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# Product certifications (sustainable fibers)

Cotton

Organic cotton (GOTS, OCS)

Recycled cotton (GRS, RCS)

BCI

#### NAIA (PEFC)

Lenzing Viscosa EcoVero<sup>™</sup> (PEFC)

Lenzing Lyocell Tencel<sup>™</sup> (PEFC)

Cellulosic

## **Product certifications** (sustainable fibers)

**Synthetics** 

**Recycled polyester** (GRS, RCS)

**SEAQUAL®** Yarn

Recycled polyamide (GRS, RCS)

**Other natural fibers** 

**Linen European Flax** 

**Wool Mulesing Free** 



# Weaving solutions for change

Organic fabrics Natural fabrics Recycled fabrics Eco-blends Eco-dyeing Eco-finishes





#### Better Cotton Initiative

100% plant-derived Sustainable **Eco-friendly Controlled traceability** Non-allergenic



BCI is a voluntary, non-profit program that works with farmers worldwide to make cotton production better for people, the environmental and communities where it is grown, and ensures a responsable use of cotton. It is traceable just at the farm/field level.

It reduces the impact of used nonnatural chemical products and water consumption, so it has a positive impact on human and the environment. It promotes the sustainability of local agricultural communities, improving their living conditions and favoring biodiversity.





grows in and better for the world.

Cotton Initiative (BCI), a not-for-profit organisation stewarding the global standards for Better Cotton, and bringing from the farmers to the retailers.

/BETTER SUSTAINABILITY /BETTER ENVIRONMENTAL PRACTISES /BETTER WORKING CONDITIONS FOR FARMERS AND FARM WORKERS

Cotton for a better world



spinner



Fabric mill



**End-product** manufacturer



Retailer brand



# ORGANIC COTTON

Non-allergenic Comfortable 100% plant-derived Traceable







Non-GMO (genetically modified organisms) seed used

Builds soil organic matter through crop rotation, intercropping & composting Conserves water & uses rainwater more efficiently Organic cotton is grown from nongenetically modified plants (non-GMO) and does not use non-natural synthetic agricultural chemicals such as fertilizers or pesticides or herbicides. It does not damage the soil. It uses less water than convencional cotton. It is a fully traceable process through the chainof-custody method.

#### Official eco-friendly certificates



\*Certificates based on composition percentages





Uses soil balance, trap crops and beneficial insects to manage pests



Natural defoliation



Good for farmers & builds communities



ORGANIC COTT@N

R/TURN





# RECYCLED COTT@N

High quality recycled fiber Maintains hand-feel Traceable Reduces waste Conserves resources More ecological production







Grinding process Recycled cotton fabrics are made from waste fabrics and garments, so it reduces the use of virgin cotton crop and therefore the consumption of water,  $CO_2$  emissions and other impacts derived from cotton farming.

The amount of energy, water and chemical products are much less than if virgin cotton had been used.

Official certification

Official eco-friendly certificates



\*Certificates based on composition percentages



#### RECYCLED COTTON

R/TURN



Raw material



Yarn



Recycled cotton









# SEAQUAL® YARN

High quality polyester Breathable Lightweight More ecological



**SEAQUAL® YARN** is quality postconsumer recycled polyester yarn made from 100% recycled materials coming from plastic waste captured from the sea and post-consumer plastic bottles.

We contribute to the regeneration of the oceans, preserve natural resources and reduce the waste in the planet's water.



SEA





Blends with Tencel<sup>™</sup>, organic cotton, recycled cotton, etc.



Recycled polyester fabrics





# TencelTM for change







Gentle on the skin Silky smooth Natural comfort Breathability Long-lasting softness



Eucalyptus I wood co

Postconsumer cotton



Pulp-Tencel<sup>™</sup>

Refibra<sup>™</sup> is a revolutionary textile solution developed by Lenzing with pulp from waste cotton fabric combined with virgin plant material. That way, it combines the best of both worlds to create one of the greenest, most fashionable fabrics in the world.

Santanderina is one of the exclusive Lenzing partners in Refibra<sup>™</sup> distribution chain. This co-operation is a guarantee of quality, traceability and transparency.



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Refibra™



Grinding recycled cotton









# Viscose for change



# Ecolero

#### Natural and renewable Sustainable Biodegradable Gentle on the skin 50% lower emissions and water impact than generic viscose



Wood from sustainable forestry



Eco-responsible production processes



Less water in the process

Ecovero<sup>™</sup> is a sustainable viscose based on three pillars: the use of certified, controlled sustainable wood sources; more ecological production processes; and supply chain transparency.

Santanderina is one of the exclusive Lenzing partners in Ecovero<sup>™</sup> distribution chain. This co-operation is a guarantee of quality, traceability and transparency.







Official environmental certificates

Less energy in

the process







**EcoVero**<sup>™</sup>







# COOLMAX® EcoMade



Breathable Dry and comfortable Permanent performance Improved sustainability Reduced environmental impact Can be combined with LYCRA® fiber for a comfortable fit



COOLMAX<sup>®</sup> EcoMade fibers are made from 97% recycled resources such as PET bottles. The result is a more sustainable fiber that moves moisture away from the skin to help keep the wearer cool, dry and comfortable longer.

Santanderina is one of the exclusive The LYCRA Company partners in COOLMAX<sup>®</sup> distribution chain. This co-operation is a guarantee of quality, traceability and transparency.



The LYCRA Company

COOLMAX® and LYCRA® are trademarks of The LYCRA® Company





The chips are made into fiber



Yarn



Sustainable denim fabrics made with COOLMAX<sup>®</sup> EcoMade technology





Excellent recovery performance Comfort stretch Excellent chlorine resistance Achieving a variety of looks Enhanced sustainability Reducing waste



18% of the<br/>fiber content50% of the<br/>fiber contentfiber contentfiber contentis made from<br/>plant-basedis made from<br/>recycled PET<br/>material



Eco-responsible production processes

#### 68% of LYCRA® T400® fiber content is made from recycled and plant-based material. This innovation can add eco-responsibility to stretch fabrics.

Santanderina is one of the exclusive The LYCRA Company partners in Lycra<sup>®</sup> T400<sup>®</sup> EcoMade distribution chain. This co-operation is a guarantee of quality, traceability and transparency.



santanderina The LYCRA Company

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LYCRA



Yarn



Sustainable denim fabrics made with LYCRA® T400® EcoMade technology







Same unique performance as LYCRA® fiber Comfort and freedom of movement Enhanced sustainability Reducing waste



LYCRA® fiber waste (preconsumer waste) Virgin fiber at specific concentrations



Eco-responsible production processes

#### LYCRA<sup>®</sup> EcoMade fiber diverts pre-consumer waste by putting it back into production.

Santanderina is one of the exclusive The LYCRA Company partners in Lycra<sup>®</sup> EcoMade distribution chain. This co-operation is a guarantee of quality, traceability and transparency.



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Yarn



Sustainable denim fabrics made with LYCRA® EcoMade technology











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