



EM

Printed on Refit Wool Black gsm by Favini.
Refit is topped up with 15% wool by-products from textile production processes, it is FSC certified, includes 40% post-consumer recycled waste and uses 100% EKOenergy.

Our Sustainability



Balance between profit and accountability

When our company addresses sustainability we take pride in finding an effective balance between profit and accountability. Our focus really begins in the raw materials research phase where we seek out the best possible materials but emphasize buying from suppliers who consider the entire lifecycle of the product. Our goal is to not only source ethical materials from field to fleece but to also factor in their afterlife to not add an even greater burden to the environment.

What is E. Miroglio doing ?

E. Miroglio operates multiple production facilities in Italy and Bulgaria where we try to minimize our energy consumption and work towards becoming carbon neutral. Our goal is to reduce our overall impact on the environment by reducing our chemical and water expenditures. In doing so we have taken great pride in introducing chlorine-free yarns and incorporating many post-consumer recycled materials; our goal is to take out of landfills and not contribute to them.



We have also greatly augmented our supply chain by assimilating new suppliers who meet with our standards of best practice. We have begun to incorporate RWS wool in an effort to be more transparent in our supplier process. In addition we have found new suppliers for the finest quality organic cotton, grown without pesticides or pollutants to further reduce our impact on the environment.



We breakdown our sustainability commitment into

3 AREAS:

*Quality & traceability
of raw materials*



Following raw materials from the field to the factory, respecting animal welfare, sourcing from certified woodlands and farmers, applying internationally recognised standards.

*A healthy & respectful
production environment*



Efficient use of raw materials and water, minimising energy consumption and eliminating toxic chemicals from the production process to protect both our workforce and the environment.

*Safer yarns
for consumers*



Making sure that our yarns do not release any substances that could irritate the skin or cause any kind of human harm, meeting and exceeding many legislative standards.



1

*Quality & traceability
of raw materials*

From animal welfare to reforestation.
We control every step of our supply chain
from start to end.

Respect for wildlife, recycled products and less woodland consumption

Quality and traceability of raw materials

We meet and often exceed internationally recognised standards in our supply chain. Animal welfare is guaranteed by RWS standards and OCS organic certification, and cellulose comes from FSC-certified forests. We also adhere to GRS standards, which encourage recycling and aim to minimise the use of virgin raw materials, water and energy.



Global Recycle Standard (GRS)

Promoted by Textile Exchange, a global non-profit organisation that promotes responsible and sustainable development in the textile industry. It enhances products made from recycled materials, in compliance with environmental and social criteria extended to every stage of the production chain.

With this standard, Textile Exchange acknowledges the crucial importance of recycling for the growth of a sustainable production and consumption model; it aims to encourage the reduction of resource consumption (virgin raw materials, water and energy) and to increase the quality of recycled products.

GRS criteria cover the following areas:

- Composition of the product and content of recycled materials
- Restrictions on the use of chemicals
- Maintaining traceability throughout the entire production process
- Compliance with relevant environmental and social criteria



Organic Content Standard (OCS)

Promoted by Textile Exchange, OCS certifies textile products made from natural fibres (plants or animals) produced in accordance with the criteria of organic farming.

It also provides an environmental statement verified by a third party and:

- Validates the content of natural fibres from organic farming in textile products (both intermediate and finished products);
- Guarantees traceability of raw materials, intermediate products and finished products along the entire production chain.



Responsible Wool Standards

Guarantees that wool comes from farms meeting stringent standards of animal welfare and minimising their environmental impact.

Key points for the protection of animal welfare according to the "five freedoms":

1. Freedom from hunger and thirst
2. Freedom from discomfort
3. Freedom from pain, injury or disease
4. Freedom to express normal behaviour
5. Freedom from fear and distress

Preserving Land Health

Progressive methods of land management are practised on RWS farms, protecting soil biodiversity and native species.

Supply Chain Traceability

The identity of the RWS wool is maintained at all times: from the farm to the final product.

Confident Communication

Only products with 100% certified wool may carry the RWS logo.

Stakeholder Engagement

The RWS was developed with the input of farmers, animal welfare and land conservation experts, world brands and retailers.



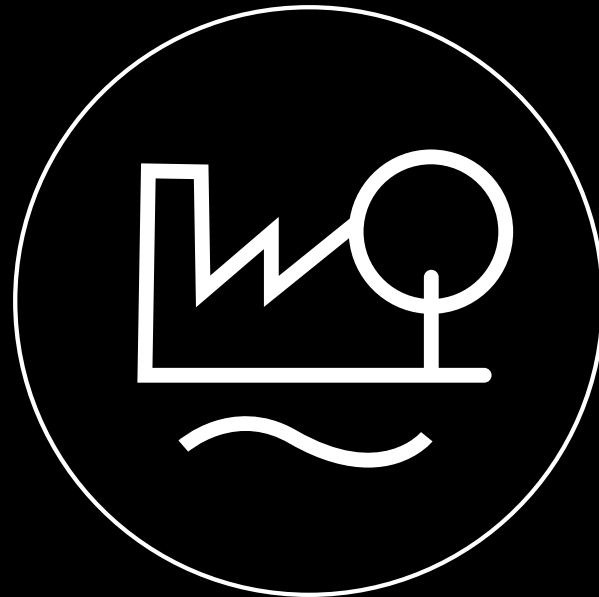
FSC®

An international non-governmental, independent and non-profit organisation.

The brand FSC® identifies products coming from forests correctly and responsibly managed according to strict environmental, social and economic standards.

The forest of origin is independently controlled and assessed in compliance with standards established and approved by the **Forest Stewardship Council®**.

Between the forest and the final user, products may undergo many stages of processing, manufacturing and distribution. FSC Chain-of-Custody (CoC) certification traces the path of products from forests throughout the supply chain, verifying that FSC-certified material is identified or kept separate from non-certified material.



2

A healthy & respectful production environment

Our production process aims to reduce our overall consumption of water as well as increase our filtration and reuse of used water. Our dyeing processes also focus on reducing our energy and chemical usage and promote a safer and healthier work environment.

Verification of sustainability every “STeP” of the way

A healthy and respectful production environment

We subject every aspect of our production to continual scrutiny in order to ensure that our enviromental impacts are as low as possible. The Higg Index enables us to monitor sustainability throughout the production cycle, and helps us improve conditions for our factory workers, local communities, and the environment. As well as reducing water usage where possible, we monitor our wastewater quality via the ZDHC Gateway to ensure no pollutants are released. We rely on OEKO-TEX’s STeP system, which incorporates a wide range of measures, to monitor the overall sustainability of our facilities.



Higg Index

Developed by the Sustainable Apparel Coalition, the Higg Index is a suite of tools that enables brands, retailers, and facilities of all sizes, at every stage in their sustainability journey, to accurately measure and score a company or product’s sustainability performance, it also empowers companies to make meaningful improvements that protect the well-being of factory workers, local communities, and the environment.

The Higg Facility Environmental Module (FEM) measures the impact of each individual factory.

Assessments are conducted at least once a year, and these assessments are then verified by SAC-approved, on-site assessors (vFEM). Benchmarking by facility type, allows facility managers to compare their performance against that of their peers. The modules’ aspirational-level questions, give manufacturers a clear guidance for improvement, and an outline of the current best practices in the field.

E.Miroglio EAD Higg I.D.: 133310
E.Miroglio Srl Higg I.D.: 129026.



The ZDHC Gateway Wastewater Module

A web-based platform used by the global textile, apparel and footwear industry. Released in July 2017, it is designed to share verified wastewater and sludge test data, based on tests conducted by ZDHC Accepted Laboratories, and in accordance with the ZDHC Wastewater Guidelines.

It offers manufacturing facilities an easy way to share data with their customers and drive their environmental performance. It also significantly reduces the amount of unnecessary testing, so that resources can be used to improve wastewater treatment and the quality of effluents.

Wastewater test data of E.Miroglio EAD (ZDHC AID A821AO36) and E.Miroglio Srl (ZDHC AID A315MC60) can be found on the ZDHC Gateway website.



(STeP) by OEKO-TEX®

The Sustainable Textile Production is a certification system for textile brands, retail companies and manufacturers, who want to communicate their achievements regarding sustainability to the public in a transparent, credible and clear manner.

Through modular analysis of all relevant company areas such as management of chemicals, environmental performance, environmental management, occupational health and safety, social responsibility and quality management, the STeP certification allows a comprehensive and reliable analysis of the extent of sustainable management provided by a production facility.

The STeP scoring system has three levels:

- 1. Compliance with the entry level specifications
- 2. Good implementation with further optimisation potential
- 3. Ideal implementation in the sense of best practice examples

E.Miroglio EAD score: Level 3.

Mapping and verifying product composition and chemicals in final products

A healthy and respectful production environment

Our commitment to eliminating harmful substances from our production means that we are certified to supply companies that meet Greenpeace’s highest Detox standards. We are also able to guarantee our yarns’ content through adherence to the CCS “chain of custody” standard.



Detox by Greenpeace

The E.Miroglio group, is a supplier to companies classified as “Avant-Garde” by Greenpeace Detox Catwalk.

E. Miroglio is committed to eliminating harmful substances from its production process, including the 11 priority groups identified by Greenpeace. This commitment is put into effect through a chemical management system that ensures:

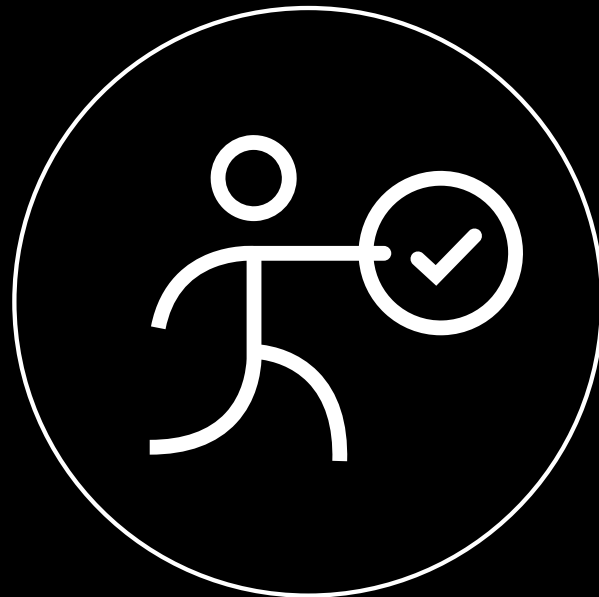
- The mapping of chemicals used during production processes.
- That chemical suppliers are aware of sustainability issues.
- That analytical checks of the supplied products respect the RSL/MRSL of the customers concerned.

Content Claim Standard

The CCS is the framework for the entire chain of Textile Exchange’s custody standards.

The CCS is a “chain of custody” standard that provides companies with a tool to verify that one or more of the specific materials are in a final product.

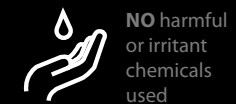
Each organisation along the supply chain is checked by an independent third party.



3

*Safer yarns
for consumers*

Today's consumers are increasingly environmentally aware, and demand more information about garment safety.



Making the final product safe

Safer yarns for consumers

Today's consumers demand safe and healthful products. The OEKO-TEX STANDARD 100 certification guarantees that our yarns and fabrics do not release any substances that could irritate the skin or cause any other harm to human health. This standard exceeds many legislative requirements.



STANDARD 100 by OEKO-TEX®

The worldwide best known voluntary "ecological-label" for textile products and accessories.

This label guarantees that textile products do not release substances harmful to human health and are safe from an ecological point of view.

OEKO-TEX STANDARD 100 includes standards regarding:

- Substances prohibited or regulated by law.
- Harmful chemicals without specific regulation.
- Parameters safeguarding health.

This standard therefore goes beyond the requirements of legislation in favour of greater safety. These regulations are science based, globally standardised and always up to date. They are re-evaluated annually and adapted when necessary.

E.Miroglio EAD (yarn, woven fabrics, and knitted fabrics) and E.Miroglio Srl (yarn) are certified Oeko Tex std 100°, appendix 4, product class II. E.Miroglio EAD – Svilosa Yarn Unit (rayon viscose yarn) is certified Oeko Tex std 100°, appendix 6, product class I.



International certification

In addition to following a wide range of industry-specific standards, we meet key internationally recognised generic standards covering customer service, quality, environmental impact, and social accountability.

Our certificates

ISO 9001	A standard that specifies requirements for a quality management system (QMS) that demonstrate the ability to constantly provide products and services that meet customer and regulatory requirements.	E. MIROGLIO EAD CERT. N°0039339
ISO 14001	A standard that allows companies to identify and manage the environmental aspects of its activities, products and services that have a significant impact on the environment.	E. MIROGLIO EAD CERT. N°0039338
SA8000	An international certification standard that encourages organizations to develop, maintain and apply socially acceptable practices in the workplace.	E. MIROGLIO EAD 10027118

E. Miroglio

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This brochure is printed on Refit by FAVINI

With up-cycled wool and cotton
Refit is all about sustainability and craft.
We take the waste product from wool and
cotton textile manufacturing processes,
often left as fluff on the side of the
machine, and after a special treatment,
introduce it into the pulp that is used to
make this paper.

Refit is FSC™ certified, includes 40% post-
consumer recycled waste topped up with
15% wool or cotton fibres and uses 100%
hydro-electric energy produced in-house.

The emissions generated by this eco-
friendly paper are fully offset thanks to
Carbon Credits acquired by Favini to
finance activities that can absorb CO² in
the atmosphere.

Cover printed on:
Refit Wool Black 360 gsm



Text printd on:
Refit Cotton White 200 gsm



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