

Goldentex

SINCE 1982

Goldentex Wool Co. Sustainability & Corporate
Social Responsibility Policy

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At Goldentex Wool Co., we are conscious of the impact our organization has on the economy, environment, and the society. Hence, our Sustainability Policy and CSR program ensure we cover the main and vital aspects of sustainability, and social responsibility; ensuring a healthier and brighter future for ourselves and upcoming generations.

Several strategies exist nowadays to minimize the industry's infamous carbon footprint and negative impact on the environment, strategies that extend to enhanced management, procedures, and usage of tools and materials. In 1989, the UNEP defined cleaner production as the "continuous application of an integrated, preventative environmental strategy towards processes, products, and services in order to increase overall efficiency and reduce damage and risks for humans and the environment", those are the pillars we built our sustainability strategy upon.

At Goldentex Wool Co., our planet is our priority, and we ensure our procedures are as environmentally friendly and sustainable as possible. We have several initiatives as part of our sustainability program, which we keep adjusting with time to improve, and to accommodate for the industrial changes, and enhance environmental protection.

"Caring for a clean, sustainable, and brighter future for Planet Earth"

Raw Materials and Chemical Consumption

Raw Materials

The nature of our business is predominantly reliant on the usage of cellulosic raw materials from plants such as cotton and linen, and protein fibers from animals such as wool and silk. Hence, yielding minimal emissions and reducing the adverse effects of the production of synthesized fabrics, which however continue to be in demand due to their lower price tag.



Natural Materials

Goldentex promote the use of eco sustainable, nature friendly raw materials such as Merino Wool (70%), Linen (3%), Cotton (5%) and Silk (2%), of natural fibers spun and woven.



Synthetic Materials

The synthetic fiber proportion of the Goldentex production is 20%, with 5% being nylon, 12% polyester and 3% reprocessed polyester. As we develop new collections we continue to integrate more natural fibers in production, since our initiative to be sustainable is a lifetime goal.



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Production Process

“Ensuring increased efficiency, and reduced environmental footprint”

We ensure the optimal usage of energy throughout our manufacturing processes, by maximizing efficiency, and having strict controls and measurement procedures, which are adjusted when needed. Several measures have been taken to improve efficiency throughout our manufacturing processes, ultimately leading to less consumption of water, gas, and electricity; and thus improving our carbon footprint as a textile manufacturing mill.



We ensure the safe purification, recycling, and disposal of water and effluents

We improved the first-time shade-matching in dyeing, thus reducing the number of dye lots being processed through production by 12%.

The finishing department is finishing full loads of cloth, with fewer part loads. Therefore, saving water through fewer finishing cycles.

The aforementioned improved efficiencies, and reduction of repeated water-thirsty processes have reduced water consumption by 16%.

Moreover, the water used in dyeing is preheated in a tank through a stem pipe placed inside the tank; in order to reduce the required heating time, thus, consuming less electricity.

Lastly, our water pumps operate in a way that ensures they are only engaged in pumping when water pressure is weak.



Our increase in efficiency in Spinning, warping, weaving, and finishing from 65% to 80% has resulted in a significant reduction in seconds and remakes; sparing 15% of the preceding electricity usage.

We aim to continue improving our efficiency to meet our goal of saving 25% on electricity, likewise reducing gas and water consumption throughout the process.

All non-energy saving bulbs on the entire Goldentex premise have been replaced



Our 15% improvement in production efficiency has also resulted in a comparable saving in gas usage.

We estimate a saving of 10% with a target saving of 20% in gas. The ratio of electricity power to gas is 80/20.

Moreover, our boilers were changed to run on natural gas instead of diesel

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Waste Solutions & Resource Control

Our wool and natural fiber waste is sold to reprocessing companies who convert the waste back into a workable state to be carded, spun and woven as reprocessed cloth. This cycle continues so our waste products are kept to a minimum. Reduce- Recycle – Reuse.

Spinning Department Waste

Different types of waste materials are collected separately during the spinning process, and are thereafter sold as raw materials to mattress and blanket factories



Leftovers

Leftover Yarn and dyed tops are collected in different warehouses, and are thereafter used in new orders, as samples. Every now and then, leftovers in large quantities are collected and sold to blanket and thick-yarn industries.



Weaving Department Waste

Weaving leftovers are sent to the winding department to relocate small yarn quantities of plastic cones onto carton cones to be reused in production. Waste that cannot be reused in production is sold as raw material to socks and rope manufacturers



Resource Control

All employees at Goldentex, powered by the administration team, ensure minimal use of paper during operations. We highly discourage printing, and photocopying, and ensure recycling when paper is used.

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Social Initiatives



We ensure 5% of our workforce at all times represents individuals that are differently-abled. We integrate them into the Goldentex family, and ensure they receive appropriate training prior to assuming their tasks. All different abilities and ethnicities form part of our team.



Yehia Arafa Charity Hospital: The holding company 'Al-Arafa for investments and consultancies' ensures that the Yehia Arafa charity hospital is always up and running, performing surgeries for many unfortunate children in need.

A nursery and primary school are available to facilitate the work life for mothers, especially single mothers whom cannot leave their new-born babies and toddlers unattended to work.



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Global Transport



“Keeping the oceans blue, the planet green, and the animals safe”

We always aim to deliver on time by ensuring efficiency to our best ability, hence, enabling shipment by sea rather than by air, warranting the lowest carbon footprint

Only under very urgent circumstances are any products flown to their destination. We meanwhile request our suppliers to use transport methods that are economic and Planet Friendly

We have reduced our number of shipments by sending goods in larger loads, and ensure optimal effectiveness and efficiency at all times with inbound and outbound goods.



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Sustainability efforts in the industry

The Goldentex sustainability policy accounts for several corporate, social and environmental aspects, including but not limited to; raw material consumption, energy use, waste disposal, and social responsibilities amongst others.

Our team members strive for constant synchronization with market players and leaders in the industry, and remain in direct contact with players in different fields, be it suppliers, manufacturers or buyers, exerting the needed effort to ensure we are up-to-date with the latest industry trends and to constantly work towards further improving our company's footprint, and impact; not only environmental, but social and corporate likewise.

One of the respectable companies we work with, worth naming; is Woolmark. Woolmark constantly exert efforts to promote merino wool consumption, as it is a natural, renewable, biodegradable, and recyclable fiber. By 2025, Woolmark hope to see non mulesed merino wool used, by breeding fly strike resistant sheep, thus reducing the reliance on mulesing. Following the footsteps of industry leaders such as Woolmark, we applaud their initiative and aim to support the non-mulesed wool supply chain once easily and widely accessible.

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Moreover, our largest cotton suppliers are members of The Cotton Council, whom encourage their farmers to strive for sustainable farming whilst increasing performance and productivity, whilst reducing their footprint through enhanced energy consumption, reduced greenhouse gas emissions, and soil conservation amongst others. Furthermore, we are currently striving to ensure most of our raw materials used are organic in the near future, hence we hope to introduce organic cotton in one of our upcoming spring collections, in a cooperative effort with Better Cotton Initiative (BCI), who currently account for 14% of global cotton production from 21 countries.

In regards to the usage of recycled materials, 3% of the synthetic fibers used in production is reprocessed polyester, and we aim to increase that percentage with time over the upcoming collections in association with Textile Exchange. Both parties currently endorse the use of recycled polyester in production (rPET), obtained by melting down plastic and re-spinning it into polyester fiber. Together, in collaboration with other players in the industry, the shared goal is for 20% of existing polyester to be recycled by 2030.

Overall, our efforts to be more sustainable are constantly in play, as we support suppliers with more sustainable options and nature friendly credentials, such as Lenzing. Meanwhile, we push other suppliers along with ourselves to make further environmentally friendly options widely used and available, to reduce the overall carbon footprint of the textiles industry, and satisfy the increasingly demanded sustainable requirements by our retail customers and the end users.

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