

Recycled cotton

Recycled cotton can be generally defined as converting cotton fabric into cotton fiber that can be reused in textile products.

The majority of recycled cotton is produced through mechanical recycling: fabrics and materials are sorted and classified; after sorting, the fabrics pass through a machine that tears the fabric into threads and subsequently transforms them into raw fiber¹.

In 2021, the market share of recycled cotton represented only 1% of total cotton production²; by choosing to use it, we want to promote its expansion in the market.

Reduction of the potential impact index of recycled cotton compared to the virgin equivalent⁴

-67,15%

Eutrophication

-96,32%

Water scarcity

-11,68%

Resources depletion
(fossil fuels)

-23,82%

Chemistry



For the production of each of our Utopic items, we saved 64% of CO₂ emissions³

Recycled polyester

Polyester (PET) is the most widely used fiber in the apparel industry, accounting for approximately 52% of the total volume of fibers produced globally. Currently, only 14% of this is made from recycled content, even if recycled polyester has a significantly lower carbon footprint than its conventional counterpart.

To keep the industry on track toward its climate targets, Textile Exchange has launched the “2025 Recycled Polyester Challenge”, which has a long-term vision of bringing the percentage of recycled polyester up to 90% by 2030⁵.

Reduction of the potential impact index of recycled polyester compared to the virgin equivalent⁴

-6,83%

Eutrophication

-31,80%

Water scarcity

-44,80%

Resources depletion
(fossil fuels)

-12,37%

Chemistry

¹ <https://www.cottonworks.com/en/topics/sustainability/cotton-sustainability/recycled-cotton/>.

² https://textileexchange.org/app/uploads/2022/10/Textile-Exchange-PFMR_2022.pdf.

³ in the production phase, compared to a product made with virgin materials, based on our carbon footprint.

⁴ Scores of the potential impact on global warming, eutrophication, water scarcity, resource depletion and chemistry based on Higg MSI 3.3 data on Higg.org.

⁵ <https://textileexchange.org/2025-recycled-polyester-challenge/>