



**Making the world a better place  
through infinitely regenerated nylon.**

# Sustainable design is a reality.

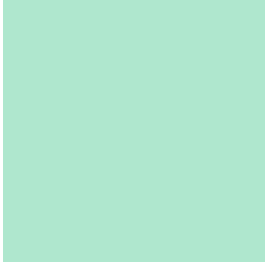
Our appetite to create and enjoy new products is infinite.

The planet's resources aren't.

ECONYL® nylon enables us to have both: new products and a better environment.

ECONYL® nylon is made out of waste that's been rescued from landfills and oceans around the world. It performs exactly the same as brand new nylon and it can be recycled, recreated and remolded again and again.

That means we can create and buy new products without ever having to use new resources.

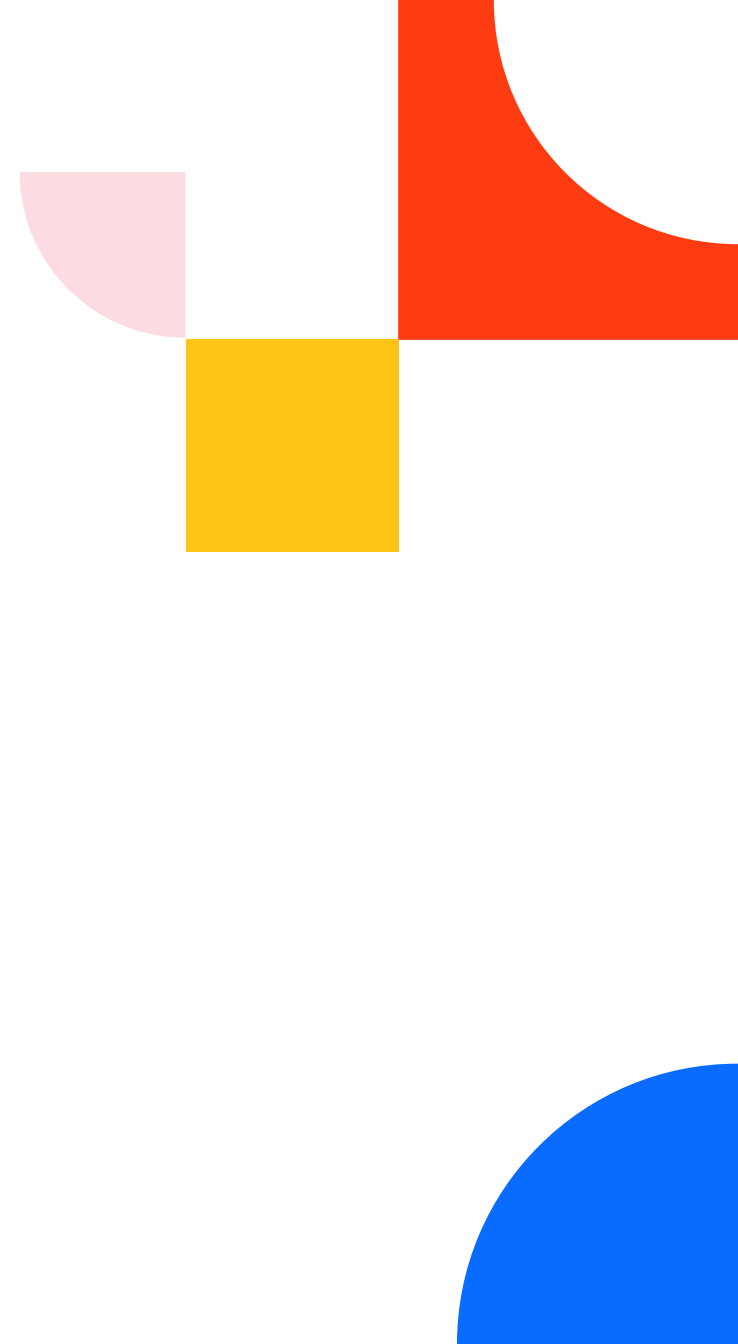


# The Aquafil Group

The Aquafil Group is a pioneer in the circular economy and a leading manufacturer of synthetic fibers. The company was established in 1965 in Trento, Italy with a focus on developing materials for the carpet and apparel industries. Over the past decade Aquafil invested significant resources in the research and development of sustainable materials, which resulted in the creation of ECONYL® Regeneration System in 2011.

Aquafil Group has a presence in seven countries on three continents, employing more than 2,800 employees at 18 plants located in Italy, Slovenia, United States, China, Croatia, Scotland, Thailand and Japan. Aquafil USA is headquartered in Cartersville, GA. Aquafil's carpet recycling facilities are located in California and Arizona working to divert carpets from US landfills.

In 2021, Aquafil proudly transitioned to 100% renewable electrical energy sources and reduced water consumption by 25% over the last five years.



# The Story of ECONYL® Yarn

ECONYL® nylon is a significant development for Aquafil and the design industry for many reasons:

- 1** ECONYL® nylon is made from 100% waste and can be regenerated an infinite number of times without losing its quality and performance characteristics.
- 2** The ECONYL® Regeneration System starts with rescuing waste from landfills and oceans around the world including carpet flooring, fishing nets, fabric scraps, and industrial plastic. That waste is then sorted and cleaned to recover all of the nylon possible.
- 3** For every 10,000 tons of ECONYL® raw material, 70,000 barrels of crude oil are saved and 65,100 tons of CO2 equivalent emissions are avoided.
- 4** Using ECONYL® nylon also reduces the global warming impact of nylon by up to 90% compared with the material generated from oil.
- 5** With ECONYL® nylon, designers are empowered to create new collections and styles over and over again without using new resources.

**CARPETS RECYCLED  
TODAY CAN EVOLVE  
INTO NEXT SEASON'S  
DESIGNER RUGS.**

**THIS SUMMER'S HOTTEST  
SPORTSWEAR CAN  
BE NEXT YEAR'S NEW  
EYEWEAR COLLECTION.**

**NO WASTE.**

**NO NEW RESOURCES.**

**JUST ENDLESS  
POSSIBILITIES.**

# How does it work?

## STEP FOUR

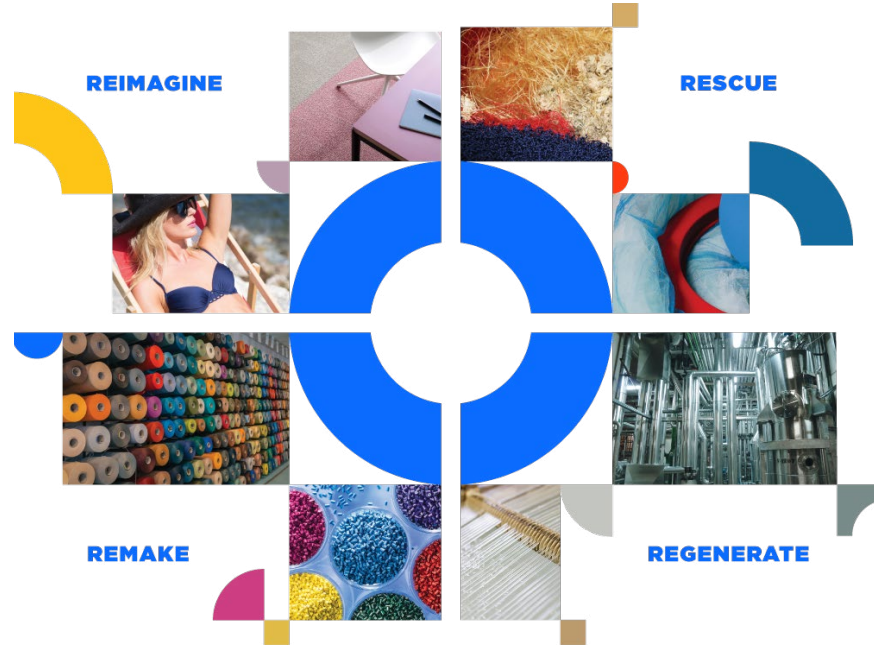
### REIMAGINE

Fashion brands and carpet producers use ECONYL® nylon to create brand new products. And that nylon has the potential to be recycled infinitely, without ever losing its quality. The goal is that once all products containing ECONYL® are no longer useful to customers, they can go back into step one of the Regeneration System.

## STEP THREE

### REMAKE

ECONYL® nylon is processed into yarns and polymers for the fashion and interior industries.



## STEP ONE

### RESCUE

The ECONYL® Regeneration System starts with rescuing waste otherwise polluting the Earth, like fishing nets, fabric scraps, carpet flooring and industrial plastic all over the world. That waste is then sorted and cleaned to recover all of the nylon possible.

## STEP TWO

### REGENERATE

Through a radical regeneration and purification process, the nylon waste is recycled right back to its original purity. That means ECONYL® nylon is exactly the same as fossil-based nylon.

## Design can have a positive impact if it's done “with the end in mind.”

This is a point that Giulio Bonazzi, chairman and CEO of Aquafil, likes to make as much as possible because it is the key to a sustainable future.

It is crucial we design products that can be recycled at the end of life and creating products with ECONYL® fiber allows products to be transformed into its original nylon form and recreated into something new.

That's why he puts so much emphasis on the role of designers for the next step in sustainable design. Designers are the ones that—controlling the first phase of development of a product—can determine up to 90% of a product's environmental impact.

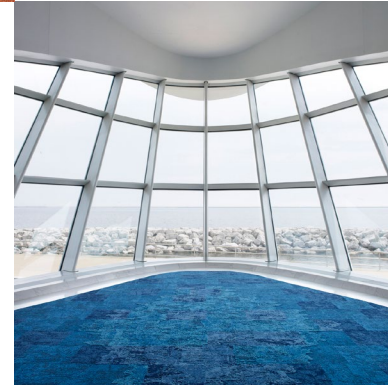
**INTERFACE HAS BEEN PROVIDING THE CARPET INDUSTRY WITH PREMIUM PRODUCTS INSPIRED BY THE EARTH'S NATURAL HABITATS FOR YEARS. THE HUMAN NATURE™ COLLECTION, MADE WITH ECONYL® NYLON, IS NO EXCEPTION.**



ECONYL® is a high-performance yarn that is strong and versatile. Many of the world's leading textile designers and manufacturers have tapped into ECONYL® for their conscious collections.

## Interface®

These innovative designs leave consumers and designers feeling as if they are “a part of nature, not apart from nature.” The collection brings a calming and serene feeling that connects consumers back to the natural environment.



### Interface

With influences such as bamboo, stone, grass and more, the entire collection will reconnect you with your inner human nature.



**ege**<sup>®</sup>

THE URGE TO EXPLORE SPACE

The multi-dimensional design features various yarn layers continually revealing new details to the watchful eye: a chain of mountains, a deep woodland lake or a field burned to the ground. Terra comes in nine beautiful colors. Terra is available as tiles and the innovative Figura shapes too.



**INSPIRED BY DIVERSE LANDSCAPES FROM AROUND THE WORLD, THE TERRA COLLECTION BY EGE TRANSFORMS IMPRESSIVE EARTH LANDSCAPES INTO ABSTRACT FLOORING SURFACES WITH ORGANIC PATTERNS.**

**ege**

The ReForm collection is made with ECONYL<sup>®</sup> yarns made with recycled waste that would otherwise pollute our Earth. We are proud to supply this sustainable material in ege carpets.

In addition, all ReForm carpet tiles are made with the patented EcoTrust backing material, which is made from used water bottles that are transformed into a soft yet solid felt material. The EcoTrust backing adds acoustic advantages and improved comfort to any room. All Terra carpets are Cradle to Cradle Certified™.





When considering the American heartland, visuals of golden wheat fields, corn in rows ready for harvest, textured barnwood, or grandma's old screen door come to mind. These visuals rang true as inspiration when Delos went to work on this new collection of ten designs in 144 colors.



### **Delos**

The Heartland Collection marries ECONYL® nylon cut pile over tufts with New Zealand wool loop under tufts. The result is a touchable texture that is a hearty feast for the eyes.

Delos, a family-owned and operated manufacturing company, combines innovation with craftsmanship to create custom rugs and carpets using renewable materials. Sustainable furniture is central to the company's mission.

**“SUSTAINABILITY DRIVES OUR PROCESSES AT DELOS. WE MANUFACTURE WITH TODAY’S NEWEST EARTH-FRIENDLY FIBERS LIKE PET MADE FROM RECYCLED WATER BOTTLES AND ECONYL® 100% NYLON MADE FROM DISCARDED FISHING NETS,” SAYS IVAN PHILLIPS, CO-OWNER OF DELOS. “WE ARE COMMITTED TO DOING OUR ABSOLUTE BEST TO SERVE OUR CLIENTS AND OUR PLANET.”**

# FLOR

FLOR® rugs feature Aquafil's ECONYL® nylon that blend beautiful design, smart functionality, and environmental responsibility into all the spaces people live. FLOR's use of regenerated nylon in its carpet tile is a key part of its efforts to lower the carbon footprint of its products.



## FLOR

FLOR®, the premium design brand of Interface®, has brought high-end area rugs to homes, offices, and every space between since 2003. FLOR carpet tiles are beautiful, easy to install, and responsibly sourced. Its customizable designs are engineered for high-traffic spaces, from family rooms to conference rooms.



**“OUR SUSTAINABILITY JOURNEY IS WOVEN INTO WHO WE ARE - LIKE THE YARN IN OUR RUGS - AND WITH THOUGHTFULLY SOURCED MATERIALS AND A COMMITMENT TO LOWER OUR CARBON FOOTPRINT, OUR PRODUCTS ARE DESIGNED WITH OUR CUSTOMERS AND THE EARTH IN MIND.”**  
**- JAMES POPE, GENERAL MANAGER OF FLOR**

# Venture

The collection is made with ECONYL® Stay Clean fiber, which ensures maximum cleanability and performance.



**BOTH CARPET COLLECTIONS WERE DESIGNED TO BRING A TOUCH OF NATURE INTO YOUR SPACE**

## **Venture**

ANTICOSTI is a collection inspired by bryology, a branch of botany dedicated to the study of mosses. Distinguished by three patterns with irregular textures and colours reminiscent of coastal elements, ANTICOSTI incorporates a touch of nature into your spaces for infinite design possibilities.

MINGAN, an environment where nature reigns. MINGAN is a collection inspired by geology, a branch dedicated to the study of the structure of the Earth's crust.



# noho

**NOHO TAPPED INTO  
ECONYL® NYLON FOR  
ITS SUSTAINABLE  
AND REGENERATIVE  
QUALITIES TO REIMAGINE  
CONVENTIONAL  
FURNITURE DESIGN.**

Based in Boulder, Colorado, but born and made in Aotearoa, New Zealand, noho is a company with deep roots in, and a deep respect for, the natural beauty and cultural values of its New Zealand home. noho manufactures all of their furniture in New Zealand to ensure sustainability and transparency throughout their supply chain while powering production with more than 80 percent renewable energy.

*“With the help of ECONYL® nylon, we’ve built noho move™, the most transformational chair in the history of residential furniture. In New Zealand’s indigenous Te Reo Maori, noho means ‘to sit, stay, dwell, live’, and we’re on a mission to transform the well-being of both people and planet through dynamically comfortable furniture manufactured from up-cycled waste and sustainable materials.”*

– Richard Shirtcliffe, Co-CEO at noho



## **noho**

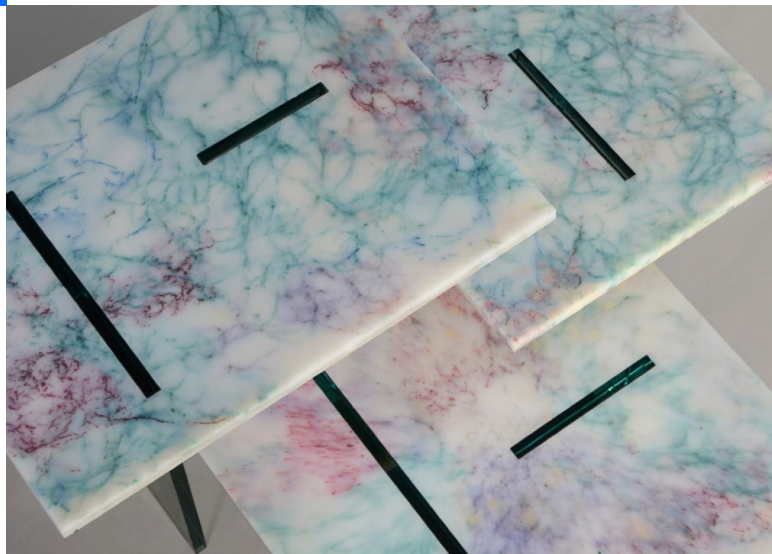
The noho move chair was created to transform the traditional static nature of home furniture by integrating the dynamic ergonomic comfort of a premium office chair and sustainable design, to create a chair that flexes and flows with any body and can last a lifetime design.



# alcarol

alcarol launched the Ocean Networks Collection to represent one of the main problems submerged in our oceans: ghost nets. By melting colorful fishing nets with ECONYL® nylon, alcarol created a surprising marbled effect that dramatically replicates nets tangled in coral and seabeds.

The collection includes tabletops, a suspension lamp and elegant room dividers providing an abstract reflection of the fragile conditions of our oceans.





## Lorenza Bozzoli Design

Lorenza Bozzoli Design from Milan crafted these three-dimensional couture poufs from 100% ECONYL® nylon yarn for her 2018 Couture Pouf collection. These one-of-a-kind pieces are inspired by haute couture, tribal geometric shapes and crafted with master tailoring.



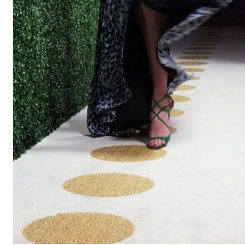


Milan

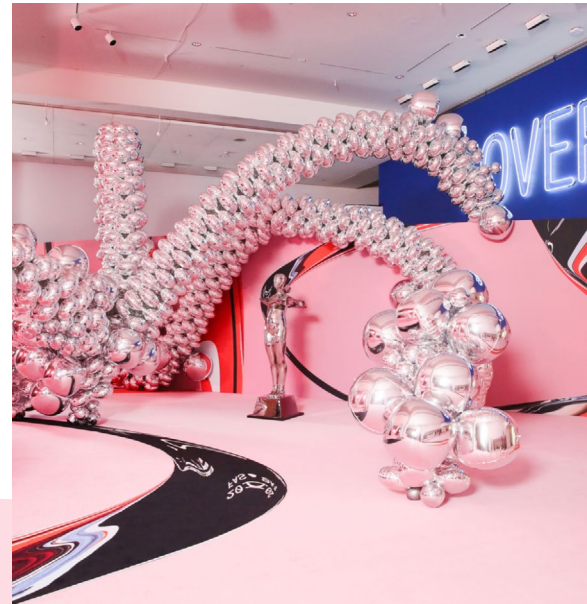
## ECONYL® Yarn on the Scene

ECONYL® yarn has been used to create grand eco-conscious and gorgeously designed carpets for the Green Carpet Fashion Awards in Milan, Italy and for the CFDA Awards at the Brooklyn Museum in New York. An ECONYL® ‘green’ carpet was featured at the Maison De Mode Pre-Oscars Sustainable Style Event in Los Angeles.

Los Angeles



New York





## The Urban Boardwalk: ECONYL® at NeoCon

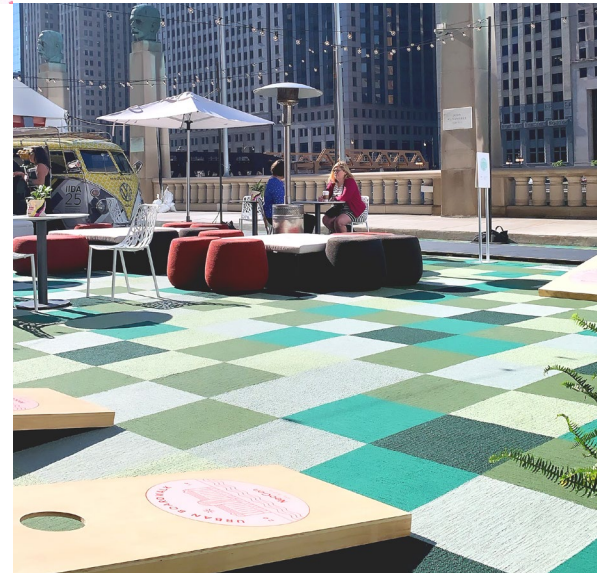
The entire footprint of the first edition of the NeoCon Plaza featured carpets made with ECONYL® nylon. Designed by Gensler and brought to life in collaboration with Forward Fruit Branded Environments, it gave visitors a place to network, collaborate, relax, and enjoy NeoCon outside of the Mart.



The broadloom carpets for each tent were made with ECONYL® nylon.



The garden patio tiles were made by Interface with ECONYL® nylon. The carpet tiles in “the Park”, like all Interface’s products sold globally, are carbon neutral. That’s high design without the footprint.





## CEO AND CHAIRMAN, AQUAFIL

# Giulio Bonazzi

Giulio Bonazzi has dedicated his career to evolving Aquafil S.p.A. into a leading player in the global carpet and textile materials industry. Aquafil was founded by Bonazzi's parents 50 years ago in Arco, Italy. An innovator and disruptor, Bonazzi is transforming his family's manufacturing business into a sustainable global enterprise.

**TODAY, AQUAFIL IS RECOGNIZED AS A SUSTAINABILITY LEADER, A STALWART EXAMPLE OF THE CIRCULAR ECONOMY AND AN INNOVATOR WITHIN THE SYNTHETIC TEXTILE INDUSTRY, WITH 18 PLANTS IN SEVEN COUNTRIES ACROSS THREE CONTINENTS.**

To achieve this vision, Bonazzi challenged the organization to develop a recycled nylon material by turning trash from landfills and oceans into high-quality, beautiful fibers. Where others see waste, Bonazzi saw opportunity.

After several years of investment in R&D and a relentless pursuit of a new way to regenerate nylon, ECONYL® was born. Aquafil launched ECONYL® yarn in 2011 and today it is one of the most sought after materials in the world - used by more than 2,000 fashion and interiors brands.

Bonazzi was appointed CEO of Aquafil in 2001 and added the role of chairman in 2008. He started his career at Aquafil in 1987, starting on the ground floor at the Aquafil plant in Arco. Since then he has helped the company grow, developing 18 plants in seven countries across three continents. Today, Aquafil is recognized as a sustainability leader, a stalwart example of the circular economy and an innovator within the synthetic textile industry.

Fortune has highlighted Aquafil on its Change the World list of companies that are addressing social challenges through their core business activities and the American Chamber of Commerce

in Italy has awarded the company with a Transatlantic Award for fostering positive transatlantic relations between Italy and the U.S. for its investment in a carpet recycling plant in Phoenix, AZ. He is a sought-after speaker and has shared insights on creating a circular economy at leading conferences including Texworld USA, Fashionnovation, the One Ocean Forum, the Responsible Business Summit, the Ethical Corporation Summit and the Copenhagen Fashion Summit. He is recognized by Forbes Italia as a Top CEO for innovation, international competitiveness and creating a great work environment.





## Key Partners & Initiatives

### AQUACULTURE END OF USE FISHING NETS

Aquafil collaborates with the aquaculture industry to recover end-of-use nets from fish farms across the world. Aquafil's partners, Nofir and Atandos Cabos help us collect the fishing nets that are then regenerated into ECONYL® yarn.

### ABANDONED FISHING NETS

Fishing nets abandoned at sea are detrimental to marine life and the ocean ecosystem. Healthy Seas rescues abandoned fishing nets and gear to help preserve our oceans. The nets that are collected are regenerated into ECONYL® yarn to be created into something new.



### AQUAFIL CARPET RECYCLING

Aquafil is closing the loop on carpet manufacturing. Across our four collection and recycling facilities located in the United States, Aquafil recovers 36 million pounds of carpets per year. The nylon recovered is set to Slovenia to be regenerated into ECONYL® nylon.



## ECONYL® E-Shop

Where conscious shoppers can shop eco-friendly products made with ECONYL® nylon. Now featuring **Home & Living**.

Introducing the ECONYL® E-Shop, a digital hub that brings conscious shoppers together to shop eco-friendly products while also learning more about how to live a truly sustainable life. The products featured on the ECONYL® E-Shop are all created with ECONYL® nylon, meaning at the end of their life, they can Live & Repeat, changing shape and function, to help preserve our planet's resources.

Visit the shop: <https://www.econyl.com/shop/>





## ECONYL® X MATERIAL BANK

ECONYL® nylon is featured on Material Bank, the world's largest material marketplace for the architecture and design industry. Material Bank is the most innovative way to search, sample and design projects.

Designers can specify more sustainable carpets for their projects by searching for ECONYL® nylon in the Material Bank library which will provide hundreds of beautiful options from leading brands including: FLOR, Interface, Mannington, Milliken, Masland, Tarkett, Delos and more.



Searches can be filtered by application, color, construction, pattern, and environmental benefits and standards. Samples ordered by midnight Eastern Standard Time are delivered the next day at no cost. Material Bank offsets 100% of direct carbon emissions from ALL sample shipments and samples can be easily returned to Material Bank for reuse, eliminating waste.



## Certifications

### U.S. GREEN BUILDING COUNCIL

ECONYL® yarns contribute to LEED.

LEED, or Leadership in Energy and Environmental Design, is the most widely used green building rating system in the world.

Available for virtually all building, community and home project types, LEED provides a framework to create healthy, highly efficient and cost-saving green buildings. LEED certification is a globally recognized symbol of sustainability achievement.

### LEED GREEN BUILDING CERTIFICATION

It has been developed by the U.S. Green Building Council, committed to a sustainable future for green buildings and communities worldwide.

ECONYL® contributes toward satisfying LEED credits covering categories including:

- > INTEGRATIVE PROCESS
- > INDOOR ENVIRONMENTAL QUALITY
- > MATERIALS AND RESOURCES
- > INNOVATION

Moreover, our team can support integrative processes for development.



## CRADLE TO CRADLE

How we design and make products today shapes the world we will inhabit tomorrow.

Cradle to Cradle Certified® is the global standard for products that are safe, circular and responsibly made. ECONYL® nylon is Cradle to Cradle Certified Material Health Certificate™ Silver.

Cradle to Cradle Certified assesses the safety, circularity and responsibility of materials and products across five categories of sustainability performance:

- > MATERIAL HEALTH
- > PRODUCT CIRCULARITY
- > CLEAN AIR & CLIMATE PROTECTION
- > WATER AND SOIL STEWARDSHIP
- > SOIL FAIRNESS



## EPD VERIFIED

Transparency is key to designing a sustainable future. An Environmental Product Declaration (EPD) is a comprehensive report that assesses the environmental impact of a product across its life cycle. The report is third-party verified and provides designers, specifiers, and buyers with a clear, concise and effective framework for making direct product comparisons.




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