

Thrive[®] matter

FIBRE GUIDE



INTRODUCTION

Everything you should know about the world's lowest carbon footprint nylon fibre

Thrive[®] matter

As global demand in the marketplace grows for design and construction products to help support corporate commitments to environmental sustainability and eco-goals. Universal Fibers answers with Thrive[®] matter.

Thrive matter stands alone as the most environmentally conscious solution-dyed, high-performance nylon 6 fibre in the World with the industries lowest carbon footprint.



KEY FEATURES AND BENEFITS

Average MR < 2.0

100% solution-dyed colour

Lowest CO2 emission

Life Cycle Assessment (LCA)

Third-Party Certified Environmental Product Declaration

High bulk, lightweight coverage

Excellent appearance retention & ease of maintenance

Independent GreenCircle[®] Certification for Recycled Content and Embodied Carbon

C2C Certified Material Health Certificates[™]

100% post-industrial recycled resin-
for a total of 90% recycled content

100% Recyclable

Adding value to projects in varying Green Rating Systems

How did we get there?

IT WASN'T EASY ↘

Universal Fibers has continuously reduced embodied carbon (from materials) by at least 10% each year since 2016, focusing on efficiency projects, both large and small to move the needle. Smart sourcing of ingredients and consistent impact measuring of all our processes allow us to focus on carbon reduction opportunities. Universal Fibers' Thrive matter product has the lowest carbon footprint in the industry with third-party certified Embodied Carbon verification through GreenCircle Certification and a third-party certified industry EPD through UL, certified with only 1.19kg/CO2 (which is 88% lower than virgin nylon 6 fibre.)



SCAN HERE OR [CLICK HERE](#) TO DOWNLOAD OUR EPD



SCAN OR [CLICK HERE](#) TO DOWNLOAD OUR EMBODIED CARBON CERTIFICATE



LIFE CYCLE ASSESSMENT DATA

THRIVE[®] MATTER

Sustainable Attributes

100% pre-consumer resin

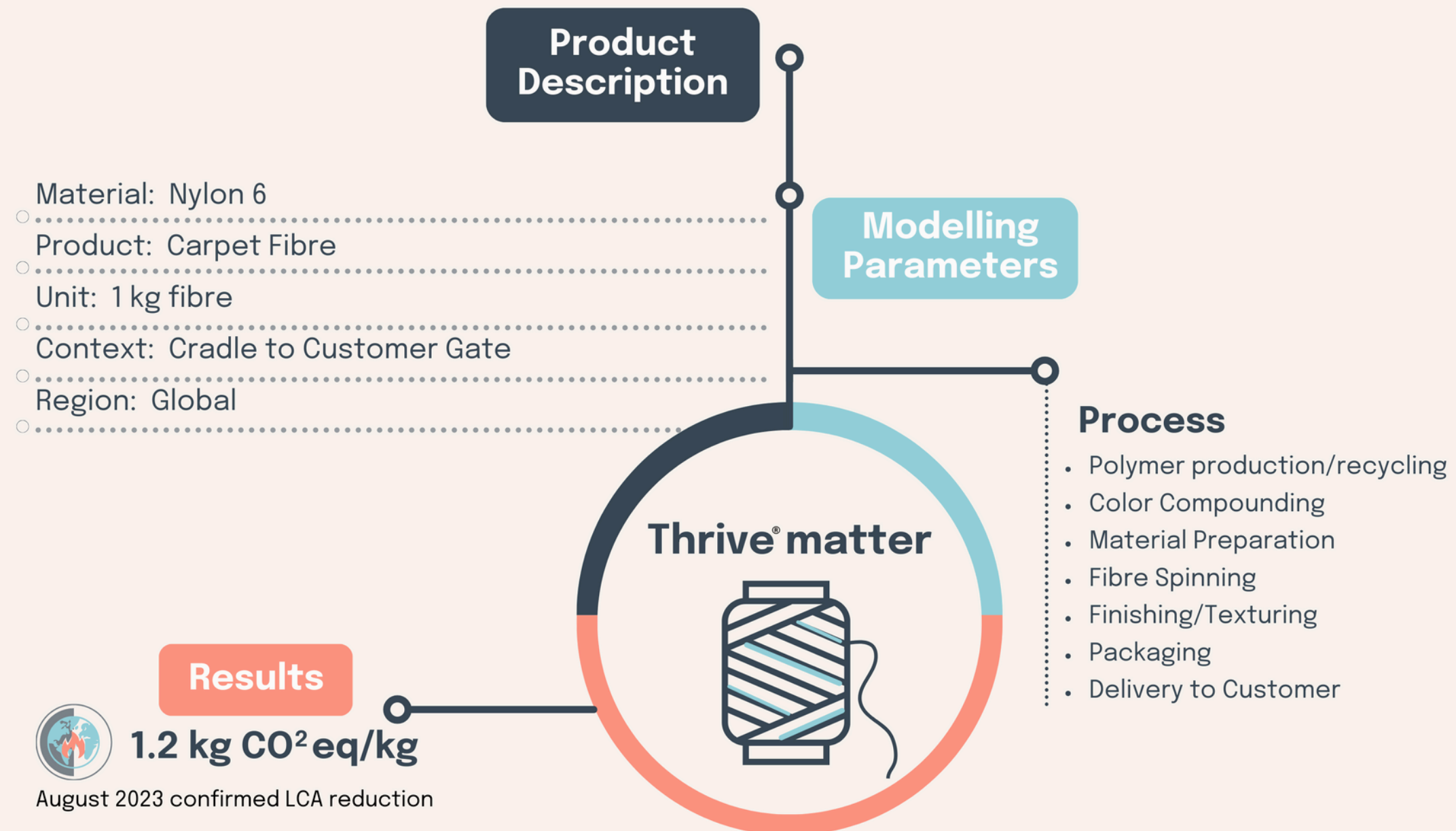
Total Recycled content of 90%

>99.9% production waste recycled

100% recyclable

90% waste diversion from landfill

Material Health Assessment for C2C





CARBON BENEFIT

BY USING THRIVE[®] MATTER

89% LESS CO2 OVER VIRGIN NYLON 6

How much is 89%?

Using Thrive matter saves more than 5 kg per square meter of carpet tile.**
Carpets made with Thrive matter offset CO2 emissions nearly three times more than carpets made with virgin SD nylon.

**5.55kg CO2 avg. savings per sq. meter pre carbon offset

The following examples assume annual production of 100,000 sq meters (fibre weight, 600g per sq meter):



Tree Equivalent

1 Tree: 22 kg, CO2 offset

Hyde Park: 26,000 trees (approx.)

Thrive offset: 27,347 trees per year



Commute Equivalent

Workday commute, Paris

Single commuter: 800 kg per

year (250 days), 752 years,

752 commuters: 1 year

MAXIMUM CARBON BENEFITS

INCLUDE A SMART RECYCLING PROCESS.

THRIVE MATTER IS CERTIFIED WITH 100% RECYCLED RESIN FOR A TOTAL OF 90% RECYCLED CONTENT.



SCAN OR [CLICK HERE](#) TO DOWNLOAD OUR GREENCIRCLE® RECYCLED CONTENT CERTIFICATION



the **Thrive**[®]
recycling process



1. Reclaimed Post-Industrial Material

Pre-consumer waste or "industrial scrap" is used in the production of Thrive® matter. Universal Fibers® recycles its own scrap as well as scrap from various outside industries. Universal Fibers proudly sends zero production fibre waste to landfills.



3. Colour Concentrate

Our products are 100% solution-dyed. This means water used is minimized in the dyeing and colouration process for all 154+ colours in our Prestiva® palette. In addition, since all colours are developed in-house, lot-to-lot consistency is ensured. This process also supports mergeable capability maximizing supply inventory and reducing "tail-out waste."



5. Available Permanent Stain-Resistance

Stain-resist performance is available as a "built-in" additive for nylon 6 Thrive matter products. Unlike common topically-applied treatments, our stain resist performance is permanent. It can never be washed or worn off and will not diminish over time. Not only does this technology provide stain resistance throughout the life of the carpet, it is also recyclable and contains no red list ingredients.



2. Reclaimed Post-Industrial Pellet

Universal Fibers melts down and combines post-industrial material in all of our products, for a total of 90% total recycled content in Thrive matter.



4. Blended Colour Concentrate

Universal Colour® is our proprietary colour palette and system that offers mergeable capability and custom colour flexibility in our sustainable, solution-dyed fibre. Whether you need to match a specific colour or to imagine one that feels entirely fresh, we can bring your vision to life with virtually infinite colour possibilities. Another unique advantage of Thrive matter.



6. Undrawn Thrive® matter fibre

Thrive matter, nylon 6 solid colour singles. Offered in light weights beginning with 660 dtex, Universal Fibers supports market demand for minimum, yarn weight in carpet. This means lower cost, ease of care and maintenance, and a lower carbon footprint.



7. Thrive® matter Finished Nylon 6 yarn

Universal Fibers® leads the industry in producing innovative finished yarns, offering manufacturers and designers a myriad of versatile styling solutions. Thrive matter products are available in dozens of ready-to-tuft options providing an extensive selection of textures, colours and weights.

THRIVE BEYOND

Green rating advantages with Universal Fibers®

[CLICK HERE TO DOWNLOAD OUR GREEN RATING GUIDE](#)

Universal Fibers products align with a variety of environmental initiatives including LEED® v3, LEED v4, Living Building Challenge®, WELL Building Standard®, Green Gloves®, BREEAM® and the 2030 Challenge for Products.

Universal Fibers can contribute to green rating projects through efficiencies in manufacturing and by reducing Water, Energy, and Waste through our production processes.

Material aspects of Universal Fibers® products, such as Prisma® can add value to green rating projects by contributing to “Material Ingredients Transparency”, obtaining our Corporate Sustainability Report (CSR), and by our sourcing of “Regional Materials” through our supply chain. Social Responsibility is not only something we care about, but also something that eco-rating systems value. Our [Code of Conduct](#) can contribute one full point to a LEED® v4 project.



SCAN OR [CLICK HERE](#) TO DOWNLOAD OUR BEYOND THRIVE MATTER GREEN RATING BROCHURE



OUR PROCESSES

Universal Fibers® WHAT MAKES OUR PRODUCTS AND PROCESSES WORK



MORE RECYCLING

Universal Fibers products use up to 90% pre and post-consumer recycled content.



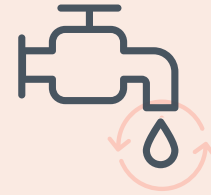
LOWER CARBON FOOTPRINT

89% less Co2 emissions in production- Universal Fibers products offer the lightest carbon footprints in the world.



LOCAL SOURCING

Universal Fibers sources materials locally in each region to further reduce carbon emissions associated with shipping and transportation.



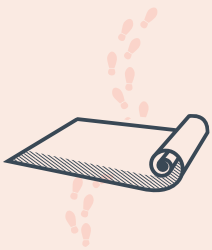
WATER SAVINGS

Universal Fibers products are created with a solution-dyed process, using virtually zero water in colouration.



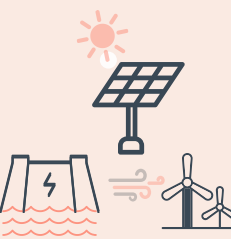
ZERO WASTE

Recognized as a virtual zero-waste company, Universal Fibers diverts all of our largest waste stream, plastic from production, from landfills.



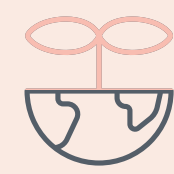
OPTIMUM PERFORMANCE

Our products stand up to commercial foot traffic with superior durability and resiliency. Have confidence in knowing that carpets made with Universal Fibers stay looking new, year after year-even in high traffic commercial spaces.



CLEAN ENERGY

Universal Fibers products are produced in part with carbon-free energy including hydro, solar and wind.

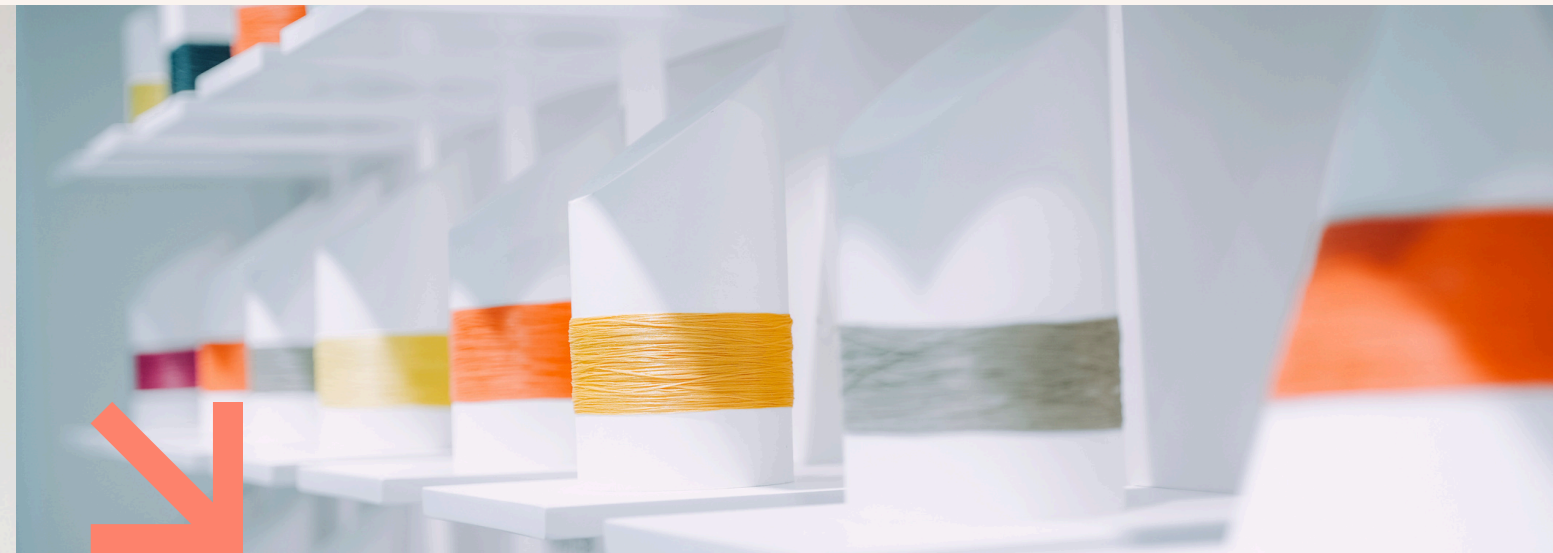


POSITIVE ECO-PROFILE

Universal Fibers produces all Thrive products as Red List Free, RoHS Compliant, No PFOAs, No Conflict Minerals, and No CMR's - all made with the lowest CO2 footprint in the industry.

ABOUT US

WHO IS UNIVERSAL FIBERS?



Universal Fibers® is best known for innovating high-performance, sustainable fibres that are found in almost any beautiful design space across many different industry segments around the world. They have been creating for more than 50 years. There is an extremely high chance that you've come into contact with their products in everyday places such as in vehicles, retail spaces or in restaurants.

People know them best for the quality, colour, and durability of their products; and their sustainable production processes and ingredients that support green building initiatives and the planet.



THRIVE TOGETHER




All resources within this information packet, including downloads and more, can be found by visiting the Universal Fibers | Milliken online resources tool at:

 <https://www.universalfibers.com/milliken.eu>

 Password: Thrivematter

For additional support on Thrive® matter or more information about Universal Fibers®, you can contact us at:

 [universalfibers.com/contact-us](https://www.universalfibers.com/contact-us)

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