

CONFIDENTIAL

Making **textile** **circularity** an everyday reality.

Infinited Fiber Company

April 2021



Turning waste into **a source of joy.**

Infinite Fiber Company is

- A fashion technology powerhouse on a mission to make textile circularity an everyday reality.

We offer

- A recipe for turning trashed textiles and other cellulose-rich waste into new textile fibers that look and feel soft and natural like cotton.
- A unique, premium textile fiber validated by top global fashion and nonwovens brands as a true alternative to virgin materials.

Endorsement for our technology

- Talouselämän 10 lupaavinta startup-yritystä 2021.
- 2021 Global Cleantech 100 Company.
- Europas 2020 Hottest Sustainability Tech Award winner.
- WWF's Climate Solver network member since 2016.



Keeping **great company.**

These companies are leading the way in giving our industry a fresh start and we're proud to be working with them.

H&M Group

patagonia[®]

BESTSELLER

 **Suominen**



EUSEBIO[®]
— fabrics for SUSTAINABLE future

 **KIPAS TEXTILES**

NOMENNESCIO



tekstina
SINCE 1828

ANDRITZ

 **INOVAFIL**

Wrangler[®]

REUBEN SELBY

It's unique. It's Infinna™.

- **Born from waste and fully circular.**
Textile-to-textile fiber regeneration is now a reality. Clothes and textiles made with our regenerated fibers can be recycled with other textile waste and reborn again as Infinna™.
- **An alternative to virgin cotton.**
A premium textile fiber that's soft and versatile like cotton and eliminates the need to grow new materials by capturing the value of what's already been produced.
- **Only natural ingredients.**
Infinna™ is as natural as manmade can be. It's created with responsible chemistry out of cellulose, which is a building block of all plants.
- **Biodegradable, no microplastics.**
Infinna™ is biodegradable and doesn't contain microplastics to clog our oceans.
- **Soft and natural to the touch.**
Whether you use it to make a T-shirt, a hoodie, denim or bedsheets, Infinna™ feels soft to the touch and lovely against the skin.
- **Saves water.**
Producing the fibers to make one t-shirt with Infinna™ takes a fraction of the water needed to produce a similar amount of cotton. Multiply by the 2 billion T-shirts made annually, and you see the scope of what's possible.



Ready to change the world? **Our technology is too.**

1. Cellulose-based raw material – like used textiles or cardboard – goes in

Infinite Fiber Company's technology can use a range of cellulose-based waste streams as its raw material.



2. The raw material is pre-processed

Each raw material has its unique pre-treatment process. Materials like straw are turned into pulp before they come to us; materials like textiles go through our pre-treatment process.



3. Carbamation

This is where the magic happens. The cellulose reacts with urea and a stable, dissolvable cellulose carbamate powder is born. Different feedstocks can be mixed after this process.



4. Dissolving and wet-spinning

The cellulose powder is turned into a honey-like liquid and impurities are filtered out. The new fiber filaments are born when the cellulose crystallizes during the wet spinning process.



5. Cellulose carbamate fiber

The fiber filament is cut, washed and dried and the high-quality, cellulose carbamate staple fibers are ready for the next phase in the textile manufacturing supply chain.



6. Delivery to textile manufacturers

The staple fibers are delivered to yarn spinners or nonwovens manufacturers to be made into products like clothing and home textiles, or wipes and diapers.



Thank you!



INFINITEDFIBER.COM