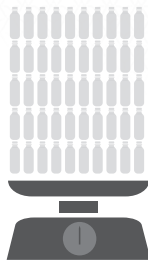


What We're Up Against



Second to oil¹
the clothing industry is the largest
pollution creator in the world.



500,000 tons¹
of plastic microfibers are released
into the ocean each year from the
washing of textiles – equivalent to
more than 50 billion
plastic bottles.



Less than 10%²
of plastics produced globally are
actually recycled.

¹ Source: Ellen MacArthur Foundation: A New Textiles Economy: Redesigning fashion's future
² Source: "Production, use, and fate of all plastics ever made" by R. Geyer et al., Science Advances



PRIMALOFT® IS RELENTLESSLY RESPONSIBLE™

How do you choose between what's good for you and
good for the planet?

Isn't it one in the same?

That's why we've created a single focused movement,
using performance to drive sustainability.

We do this by pushing the limits of material science
forward, resulting in the perfect balance between performance
and responsibility.

Each one elevated, neither one sacrificed.

Because every world class innovation
seamlessly connected to our world-first philosophy moves us
closer to the day when all of our products, and the earth,
live in perfect harmony.



Learn more about **PrimaLoft® Bio™**



 **PRIMALOFT® BIO™**

SETTING SUSTAINABILITY **FORWARD**



Environmental Impact

Third-party testing has shown that the PrimaLoft® Bio™ degradation process leaves behind **no traces of polyester**, releases **no harmful substances** into the environment and leaves soil well-suited for plant growth.



Back to Nature!

According to independent third-party testing, PrimaLoft® Bio™ reaches **complete biodegradation**¹, leaving behind only natural elements in the remaining soil - with **no traces of PET!**² Additionally, no harmful substances are released during the process and the remaining soil is not at risk for pollution. This means that after biodegradation, the soil can be used again to **grow new life!**³

How Did We Prove It?

- 1. ASTM D5511 (Landfill Environment)
- 2. PYMS (Pyrolysis Gas Chromatography Mass Spectrometry) Testing procedures,
- 3. ASTM E1963

What's Left?



Methane & CO2



Water



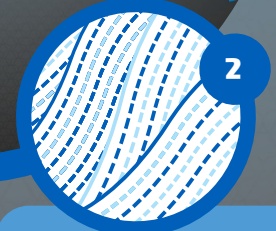
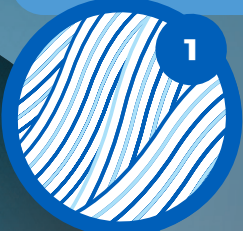
Biomass



THE **FIRST-EVER** SYNTHETIC INSULATION AND FABRIC MADE FROM **BIODEGRADABLE* FIBERS**

The microbes eat away at the fibers at a faster rate, returning the insulation and fabric to natural elements!

PrimaLoft has created the first-ever synthetic insulation and fabric made from 100% recycled, biodegradable* fibers



PrimaLoft has optimized the fibers to be more attractive to the naturally-occurring microbes found in these environments

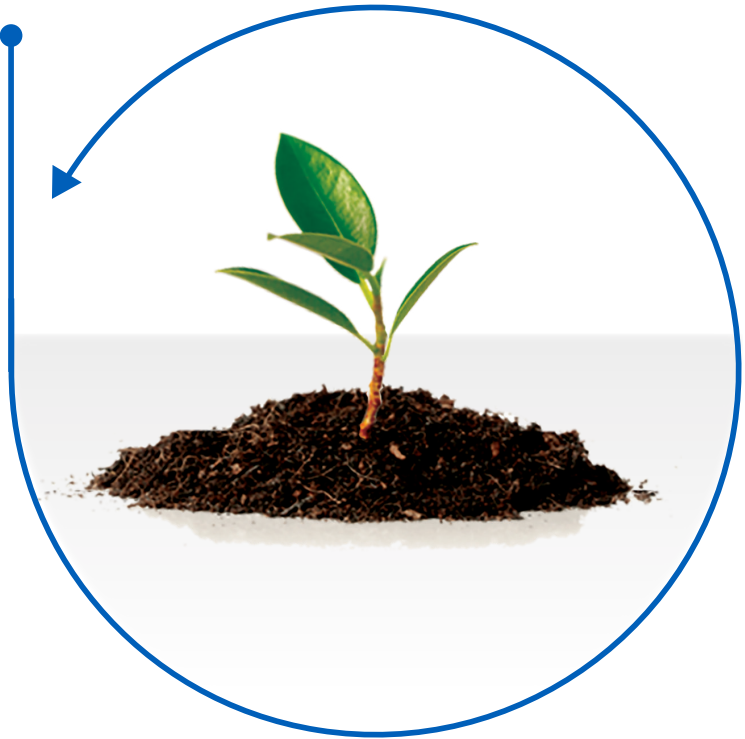
These fibers break down, when exposed to the right environments

As the experts in advanced material technology solutions, PrimaLoft has set sustainability forward with the first-ever biodegradable*, 100% recycled synthetic fiber, for insulation and fabric applications.

Because we believe there is always a better answer. One of the ways **PrimaLoft is Relentlessly Responsible™**.

PRIMALOFT® BIO™ and Circularity

Biodegradability is an end of life solution that works in harmony with the circularity model. PrimaLoft® Bio™ solves for fibers that make their way outside of the closed loop and into the environment – whether through laundering and wear-and-tear during the life of a garment or, if a garment does find its way into a landfill or ocean water



The Future of Sustainability: Circular Economy

A circular economy is an economic system aimed at **minimizing waste** and re-capturing usable resources to be utilized within the system. This eliminates the need to introduce new natural resources, creating a **closed loop**. Resources can be reused over and over again, without losing quality. For polyesters, this is often achieved through **chemical recycling**.

What's Chemical Recycling?



A used garment is returned for recycling where materials are separated and sorted



PrimaLoft® Bio™ fibers are broken down into their basic components



The same basic components are converted into new PrimaLoft® Bio™ fibers

¹93.8% biodegradation in 646 days under ASTM D5511 conditions (landfill environment); 65.5% biodegradation in 639 days under ASTM D6691 conditions (marine/ocean environment). The stated rate and extent of degradation do not mean that the product will continue to degrade.