



SENSIL  
FLOW

# CIRCULAR

**SENSIL® FLOW IS THE NEWEST NILIT INNOVATION  
DESIGNED FOR CIRCULAR APPAREL**

Responsibly made premium Nylon 6.6 fibers that are born to last, **SENSIL® Flow** is crafted for outstanding performance in its first life and the many others that are now possible. Apparel and fabric recycling as part of a circular textile industry is now imaginable with **SENSIL® Flow**. Thoughtfully created fabrics and garments made with these special fibers can now easily reenter the textile production process for an extended circular lifecycle that reduces the environmental impact of the more than 90 tons of apparel that are discarded each year.

## SENSIL® FLOW FOR CIRCULAR APPAREL

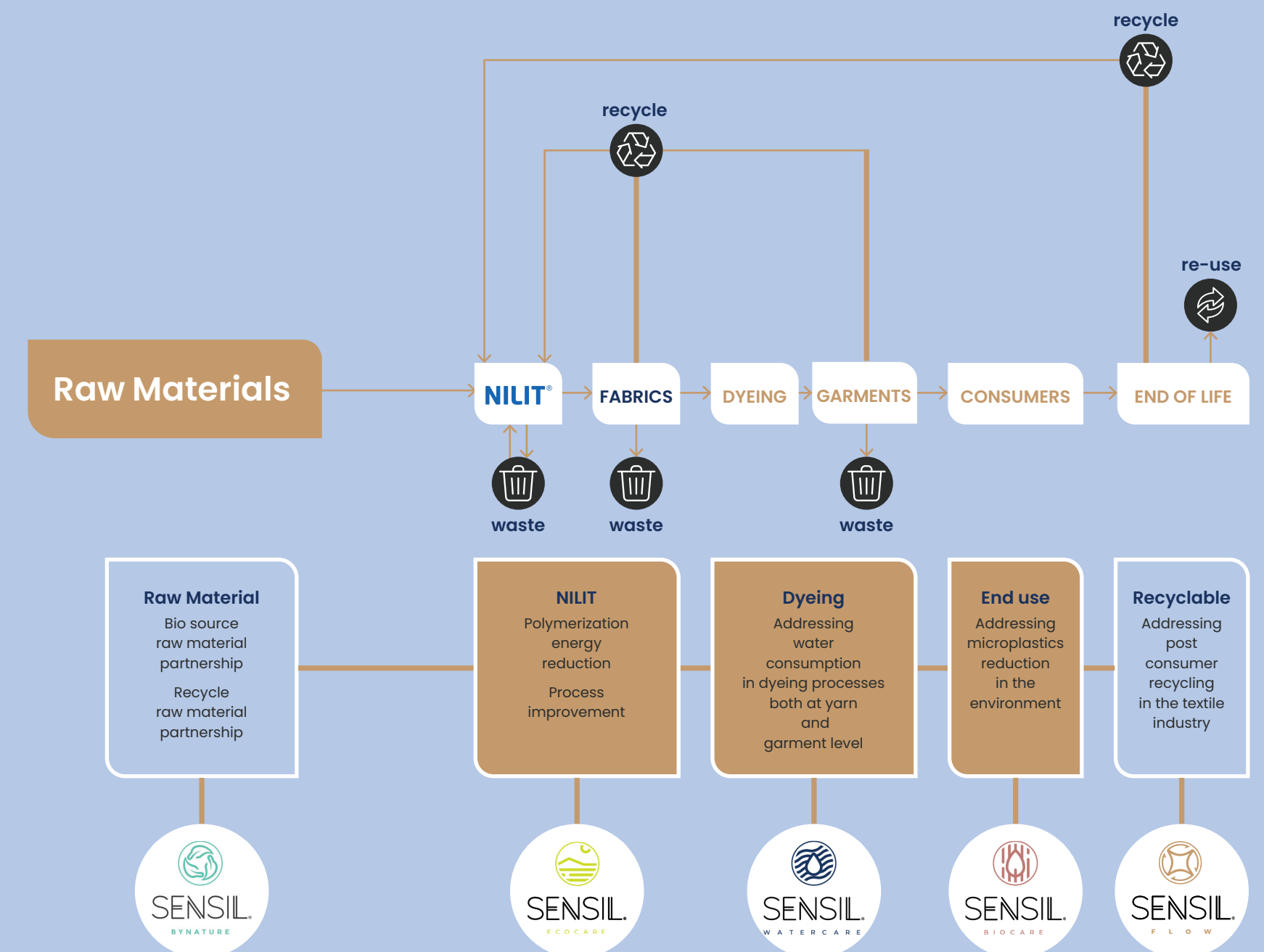
**SENSIL® Flow** is the most advanced concept for enabling a circular fashion industry.

This new premium Nylon 6.6 crafted by NILIT enables durable, exclusively mono component fabrics to enhance garments with inherent comfort stretch, beautiful color absorption, and exquisite 3D effects while at the same time enabling post-consumer apparel recycling. Unlike apparel made with blended fibers, which cannot be easily recycled, clothing made with **SENSIL® Flow** can loop back into the beginning of the textile production process. Recycled apparel reduces consumption of virgin raw materials, natural resource consumption, and the buildup of apparel waste in Earth's ecosystems.

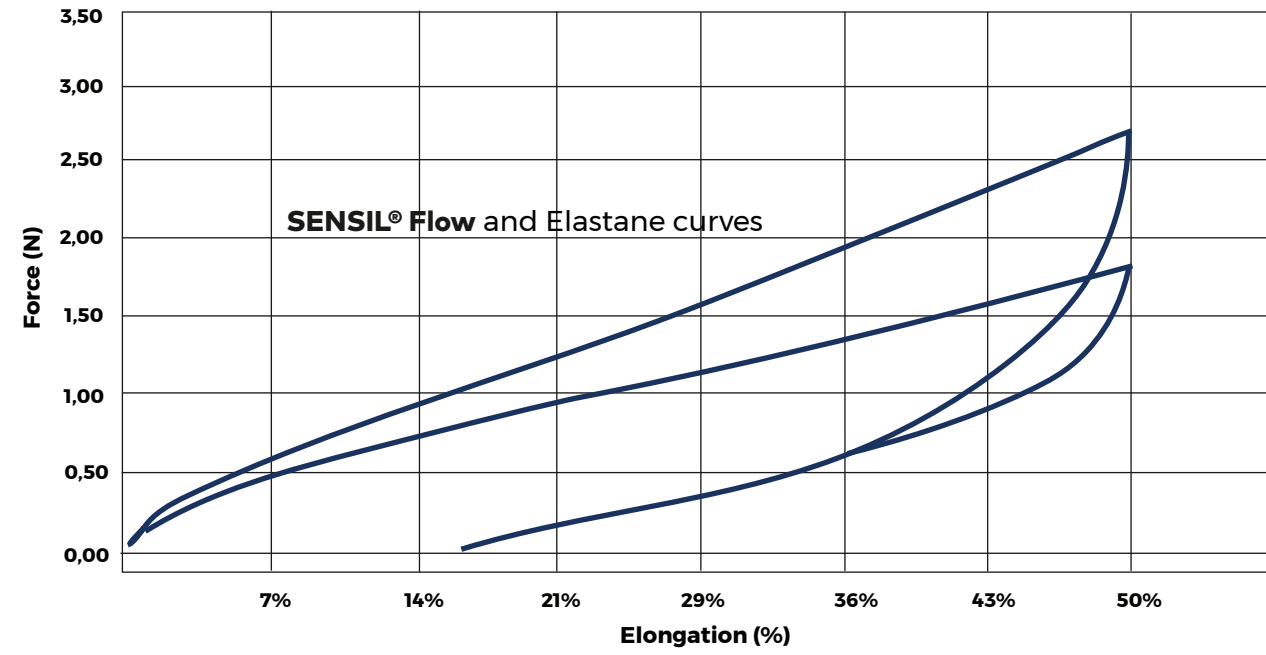
Try it. Flow with it.



## NILIT: Enabling a more circular apparel supply chain



## Typical Stress X Strain Seamless Curves



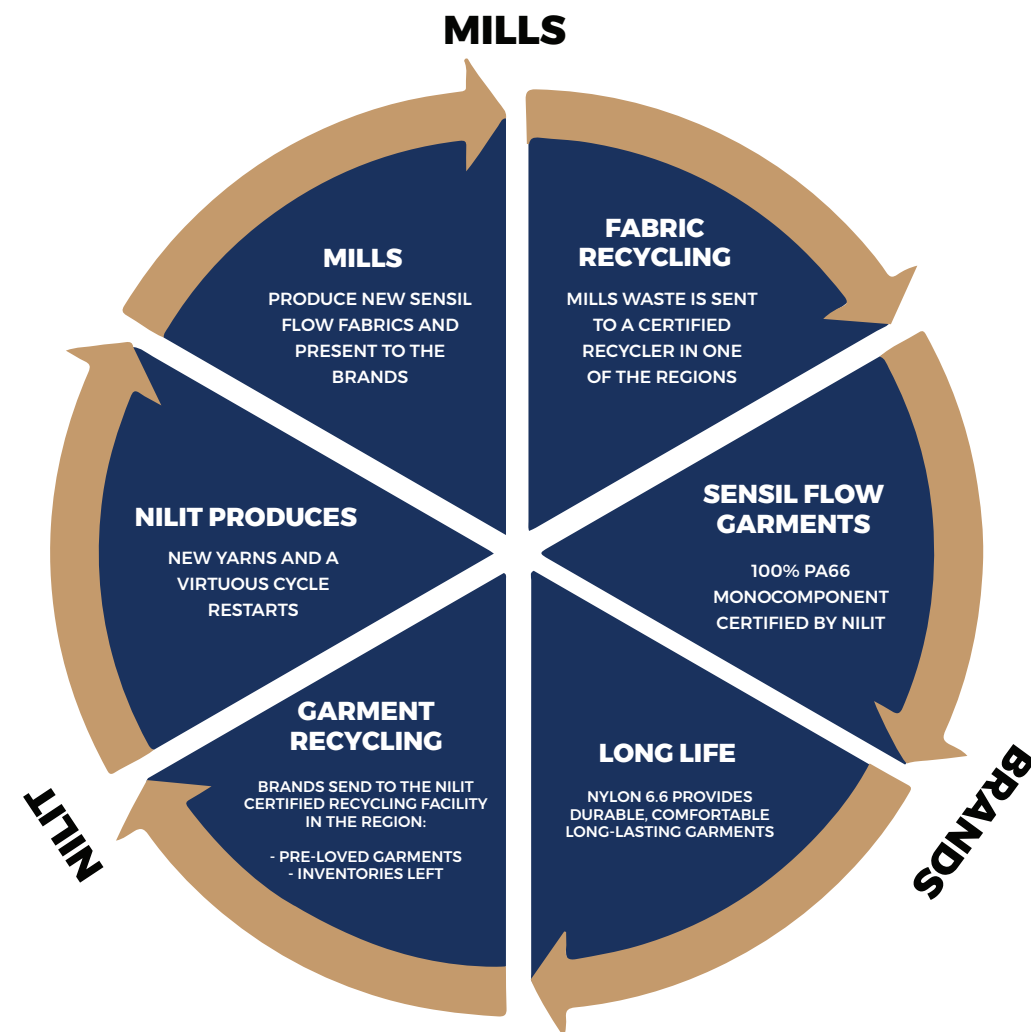
Note: Research analysis developed internally by NILIT R&D. Sample sizes = 70 mm

### Tests have shown great SENSIL® Flow fabrics performance

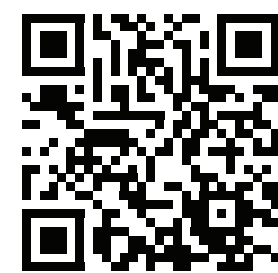
In tension and deformation tests, for 50% elongation, the performance of seamless and/or circular knitting fabrics have proven to be very similar to fabrics containing spandex / elastane, with a very similar shape.

### SENSIL® Flow FOR A SUSTAINABLE FASHION INDUSTRY

SENSIL® Flow is a critical part of NILIT's complete circular fabric and apparel system. NILIT partners with companies and recyclers throughout the production process to eliminate waste, reduce resource use, and increase quality and value. Through shared vision and collaboration, the textile production process can be revitalized into a healthy, responsible, sustainable flow that is good for the entire fashion industry.



NILIT partners with outside recycling companies who are responsible for collecting and converting fabric or garment waste into reusable forms that can be incorporated into NILIT's manufacturing processes. Talk to your contact at NILIT for more information, product development assistance and certification criteria for your fabrics and garments with SENSIL® Flow.



100% NYLON 6.6  
100% RECYCLABLE

