



Less waste, more value.

Tex4life polyester yarns are produced by recycling textile waste. Tex4life aims to reduce the environmental impact of the textile industry and lead the way in the circular economy by transforming textile waste into sustainable, high-performance yarns.



Harput
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Textiles For Tomorrow



**We
are
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Textile to Textile Recycled



RESOURCE REDUCTION

We protect natural resources by reducing waste and significantly reducing water consumption compared to virgin polyester.

REUSE

We extend the life of existing products and promote reuse.

RECOVERY

We identify opportunities to enhance sustainability at every stage, ensuring that our recovery efforts lead to measurable environmental benefits.

RECYCLING

We create new products by recycling textile waste.

Tex4life Product Family



TEX4LIFE is a sustainable yarn produced through a fully mechanical textile to textile recycling process. Post industrial textile waste is collected, sorted and mechanically recycled into new polyester yarn without the use of chemical processes.

Available Options

- 50% Pre-Consumer T2T + 50% Post-Consumer PET Bottle
- 100% Pre-Consumer Textile-to-Textile Recycling



TEX4LIFE Chem is produced through advanced chemical recycling technology using post consumer textile waste. The chemical recycling process breaks down polyester waste into its molecular components and regenerates high-quality recycled yarn with performance comparable to virgin polyester.

Available Options

- 50% Post-consumer T2T + 50% Post-Consumer PET Bottle

How it Works?



1. Textile Waste Collection

Post-consumer textiles and production scraps are collected and prepared for recycling.

2. Sorting & Preparation

Collected materials are sorted by fiber type, color, and quality, then processed to prepare them for fiber recovery.



3. Fiber Recovery

Textiles are processed through a specialized recycling method to recover usable fibers suitable for new yarn production.

4. New Yarn & Textile Production

Recovered fibers are transformed into new yarns and used to produce new textile products, closing the loop in textile manufacturing.

