



## Polytex Environment, Sustainability, and Governance

# Making Textile Management More Eco-Friendly

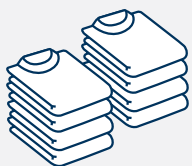
At Polytex, ESG principles guide our product development and day-to-day work. We strive to continually improve our performance as a sustainable and responsible business.

We help our customers do the same by providing automated full-cycle workwear and textile management solutions that enable organizations to track and control their workwear and textiles inventory and usage.

Using Polytex solutions, you can avoid overstocking workwear and textiles, prevent losses, avoid excessive laundering, and reduce the environmental footprint of your workwear and textile operations.

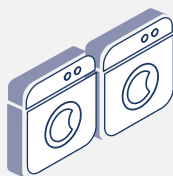
### Sustainability advantages of Polytex full-cycle workwear and textile management

- **Reduced inventory** - Non-personal distribution of workwear means fewer sets per employee, while real-time tracking and monitoring further reduce inventory needs.
- **Resource savings** - Elimination of superfluous inventory saves raw materials, water, and energy in textile production and transportation, and less laundering saves water, energy, and detergents.
- **Energy savings** - Efficient dispensing and return saves electricity and water. Machine-based dispensing and collection eliminates the need to light, heat and cool dedicated distribution rooms.
- **Healthier water** - Reduced laundry means significantly less detergents, microfibers, and microplastics leak back into water sources.



**30% to 40%**

Less textiles inventory



**+ 30% to 50%**

Less laundry

**= Huge savings in water & resources**



#### ISO14001 certification

Polytex proudly holds ISO 14001 certification, underscoring our commitment to robust environmental management systems, and full compliance with international standards.

## Polytex machines are sustainable by design

Polytex machines are designed from the ground up for sustainability across their lifecycle.

- **Energy efficiency** – Polytex machines consume less than half the electricity of a typical coffee maker for the same operation time.
- **Zero noise pollution** – Quiet machines ensure no disruption to the surroundings.
- **Efficient use of space** – With a small footprint and large capacity, Polytex machines save space in shipping and installation.
- **Waste reduction** – Older Polytex machines can be sold secondhand extending their lifecycle; end-of-life units are disassembled for recycling and responsible disposal of parts.



"Digital First"  
Processes



Space-Saving  
Machines



Sustainable  
Product Design



Remote Cloud  
Services



Eco-Friendly  
Consumables



Energy-Saving  
Operation

## Did you know?

### Textiles and workwear can have a huge impact on the environment

- Washing machines emit **≈62 million tons** of greenhouse gases each year.
- Garment production and laundering release **≈0.5 million tons** of microfibers and washing synthetics into oceans annually.
- **20%** of industrial water pollution comes from textile treatment and dyeing.
- **23%** of all chemicals produced worldwide are used for the textile industry.
- Only **1%** of garments are recycled; the remaining **99%** are discarded, comprising **5.2%** of landfills.



According to the Waste & Water Action Program (WRAP), extending clothing life by just nine months is the equivalent of reducing the item's waste, water, and carbon footprint by 20-30%.

**POLYTEX**  
FULL CYCLE SOLUTION

### Contact us

For more information about Polytex products and services:

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[www.polytex-technologies.com](http://www.polytex-technologies.com)



Polytex Technologies, founded in 2003, is a global leader in workwear and textile management solutions. The company offers automated workwear dispensing and return units integrated with a cloud-management system, and an automated flat linen management solution, both featuring advanced software. With over 5,000 installations worldwide, Polytex drives digital transformation in industries such as healthcare, manufacturing, hospitality, and fitness centers, optimizing workwear and textile management processes.