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Welcome

As one of the last remaining Australian textile manufacturers, Technical Fabrics Services Australia, situated in Queensland is Australia's only comprehensive solution for local textile manufacturing.



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HISTORY



The TFS Group was initially conceived to service Pacific Brands, now known as Hanes Brands. TFS manufactured fabrics for core products from in-house brands The Berlei Group and Bonds, that was sold into the large USA retailer, Lane Bryant.

The TFS manufacturing facility was devised in 2005 and commissioned in 2006. This involved the purchase and set up of brand-new equipment with modern technology. It was set up in the **time of drought in Australia**, and so the facility was designed to **minimize the use of water** and its **environmental impact**.

Machinery and technical additions to the facility have been constant over the last 10 years to fit with the value-added business model.



Australian Textile Overview



Australian Spending capacity

- Australians are the second largest consumers of textiles globally, behind the US, purchasing on average an estimated 27kg of new fashion and textiles each year. This is twice the global average of 13kg per person.

Australian Textile Imports

- 97% of Australia's demand for clothing was fulfilled by imported goods in 2018-19, compared with less than 3% of retailers selling clothes produced domestically.
- Australia imports an estimated 373,000 tonnes of clothing each year, with an FOB value of AUD\$9.27 billion. This equates to approximately 1.42 billion units of imported clothing
- In 2022 CommBank released statistic's that showed almost one in four businesses are purchasing more from local Australian companies to overcome supply chain problems.

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How we are making a difference through climate action.

Thanks to GCCC & ecoBiz environmental strategies to assist business we implemented sustainable practices & accreditations

- 1- Recycled liquid waste
- 2- Pipes to capture steam (65% already heated for next batch)
- 3- Re-use Salt
- 4- Mahlo –energy saving machine
- 5- Solar system -30% of energy
- 6- Introduce sustainable fibers
- 7- Use Eco friendly dyes and chemicals





Certifications



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Steam Pipes <20% savings	Stenter Production <20% savings	Mahlo <15-20% savings

Waste Management

Liquid Waste Management

- The largest pollutant in textile manufacturing is liquid waste.
- **Water from the dye process is stored and continually reused in non-sensitive dyeing processes.** Where it can't be recycled, liquid waste is treated at the onsite effluent plant before safely re-entering the environment.

Solid Waste Management

- TFS is committed to improving systems to reduce waste intensity and ensuring that sustainable alternatives that can re-enter the circular economy are first choice.
- **With the help of ecoBiz, TFS reduced the facilities total waste intensity by 17% throughout 2021.**



		
Solar <30% savings	Production Ready	Knitting

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Case study video.



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Sustainability in action. Introducing: olve.

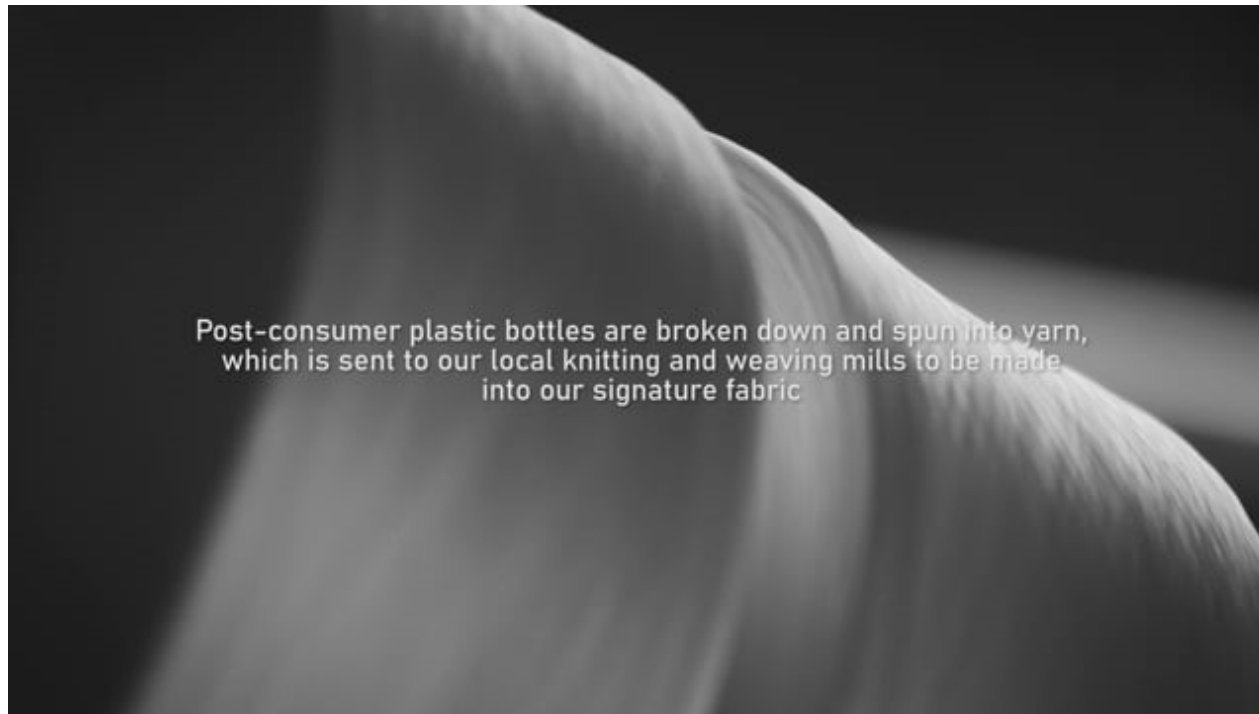
TFS developed a product with the environment in mind. 3 key questions were addressed.

*** What can we do to reduce:-

- 1- water in production and in washing of product
- 2- Energy
- 3- Landfill - Sustainable fiber – Recycled Polyester and to Use our exclusive antimicrobial fiber



Olve. video.



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Thanks.