



ArcFlex™

www.arcflex.com.au
(02) 40620990

Redefining Sustainable Textiles Through Innovation

Natural Fibres, Recycled Solutions, Engineered for
Skin Comfort and Environmental Care



Company Overview

Redefining Sustainable Performance Fabrics



World Class Focus on
Commercially Viable
Sustainable Fabrics



Mechanical Stretch - A
sustainable alternative
to elastane



Antimicrobial, UV-
Resistant, Durable



Designed for Circular
Production Systems

ArcFlex™ is a pioneering textile innovation company developing next-generation sustainable fabrics designed for superior retention, comfort, and reduced environmental impact. Naturally antimicrobial and responsibly engineered, ArcFlex™ fabrics offer a sustainable alternative to conventional synthetics.



- Fabric Tech Certified
- Accredited Garment Manufacturing
- Certified Sustainable Materials

Our Story

Pioneering the Future of Sustainable Textiles



➤ Core Competencies

- Hemp-based, biodegradable and recycled fibres blended with performance fabrics for superior recovery.
- Advanced textile R&D and sustainable material formulation
- Custom prototyping for circular fashion systems
- Responsible manufacturing infrastructure and consulting
- Certified sustainable materials and supply chain traceability
- Wicking technology and enhanced skin compatibility (hypoallergenic by design)

➤ About

Our journey began with a bold mission to reshape Australia's textile future through plant-based innovation and responsibly engineered materials. By combining advanced technology with sustainable design principles, ArcFlex™ continues to pioneer fabric solutions that prioritise performance, comfort, and environmental care.

➤ Why ArcFlex™ Exists

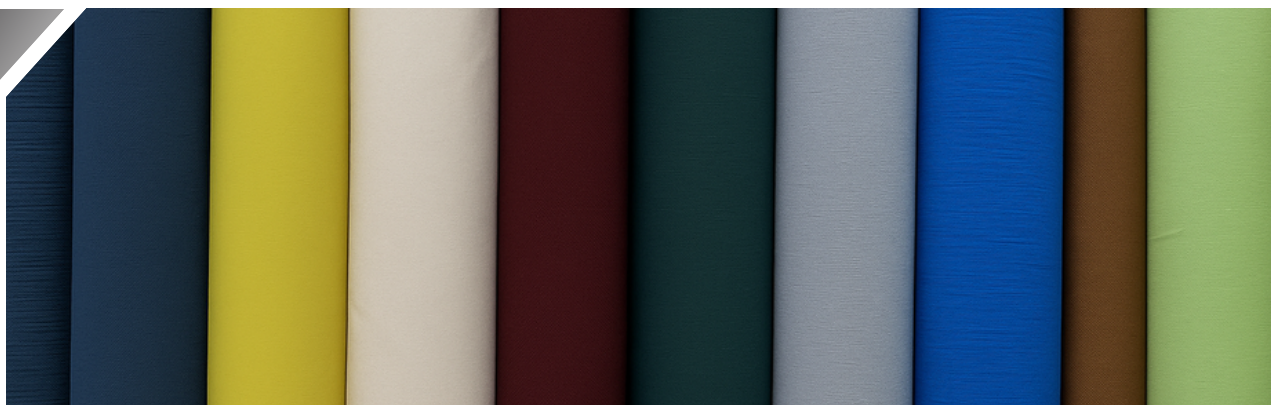
ArcFlex™ was founded to address the global challenge of unsustainable textile systems and to drive innovation in responsible material development. We create scalable, sustainable fabrics built on hemp-based with biodegradable and recycled fibres — guided by innovation and circular design principles.

➤ Our Vision

To achieve meaningful industry transformation, innovation must progress across short-, mid-, and long-term milestones. Our vision is to develop next-generation sustainable textiles that promote self-sufficiency, resilience, and environmental responsibility for future generations.

Fabric Platform

Sustainable Innovation Across Performance and Custom Blends



ArcFlex™ Original (Performance Stretch and Recovery)

Made from hemp-based and natural fibre blends engineered with eco-material innovations, **ArcFlex™ Original** delivers excellent flexibility, breathability, and comfort. Designed for active and performance applications, it features advanced wicking technology and a hypoallergenic, skin-friendly surface for enhanced comfort and movement.



ArcFlex™ Cotton Blend (Non-Stretch)

ArcFlex™ Cotton Blend combines 55% hemp with 45% OEKO-TEX® and GOTS-certified organic cotton to create a breathable and naturally comfortable fabric. Designed for softness, durability, and everyday wear, it's ideal for workwear, casualwear, and childrenswear applications.



ArcFlex™ Custom (B2B)

ArcFlex™ Custom provides tailored fabric solutions using hemp-based and natural fibre blends combined with eco-innovative materials such as TENCEL™ and recycled fibres. Designed for B2B partners, these blends are customisable in composition, weight, and finish to meet brand-specific performance and sustainability goals. Ideal for private label, uniform, and specialty applications.

Use Cases

↗ **Activewear**

Breathable, stretch-ready eco-fabrics



↗ **Eco-Luxury**

High-end sustainable fashion



↗ **Casualwear**

Natural feel, everyday comfort



↗ **Workwear**

Tough, durable, biodegradable options



↗ **NAICS Codes**

- **313210** – Broadwoven Fabric Mills
- **313310** – Textile and Fabric Finishing Mills
- **314999** – All Other Miscellaneous Textile Product Mills
- **325220** – Artificial and Synthetic Fibers and Filaments Manufacturing

Contact



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