



Fact Sheet: **Air**

A range of polyurethane coated fabrics for use in the manufacture of support surface air cells and bladders.

About Air

Trelleborg Engineered Coated Fabrics manufactures a variety of polyurethane coated fabrics, polyurethane coated scrims and polyurethane films at a range of thicknesses that can be slit to width as required.

Alongside traditional coated fabrics, the range includes fully transparent or pigmented polyurethane which can be reinforced with ripstop nylon scrims or textile backings. This manufacturing process provides the strength and durability required for repeated inflation and deflation cycles in a load-bearing application.

Coatings are pin-hole free; essential in air-holding applications for medical products.

Applications include:

- Air bladders
- Air cells for support surfaces
- Inflatable cushions

KEY BENEFITS

Trelleborg Engineered Coated Fabrics is well established as a global manufacturer of air cells and other critical components for healthcare & medical applications. We understand what is required to provide the optimum solution for your product:

- Air-tight coating for reliability
- Available in a range of colours for easy identification
- Fully transparent options available for maximum visibility
- Full support data package to support your medical device registration
- Weldable

Global Standards

Products in our Air range are used in a range of medical devices. We can support you through the registration and certification processes to get your

products to market as quickly and smoothly as possible. Arrange a chat with a member of our Technical Sales Team to find out more.

Why choose Trelleborg Engineered Coated Fabrics?

We are specialist manufacturers of polyurethane coated textiles for medical applications. All our polyurethane coated fabrics provide a fluid-proof, virus-proof barrier for infection control. We can control the stretch, coefficient of friction, moisture vapour permeability

and bond strength of our coated fabrics. Our offering includes high performance textiles for hospital mattress tickings, specialist medical furniture, blood pressure cuffs and tourniquets, bladders, air-cells and surgical products.

Contact our technical sales team for specifications and more information:

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	Air Tight No leakage No delamination
	Anti-Microbial Additive can be included to provide antimicrobial properties as per AATCC Test Method 30 (Aspergillus niger) and ISO 22196 (k. pneumoniae)
	Eco flame retardant: Crib 5 Flame retardant can be included if required
	High abrasion resistance EN ISO 5470-2 Martindale abrasion resistance pass up to 130,000 cycles
	Low friction for slip Ease of maneuver as part of medical support surface
	Low stretch No delamination
	Waterproof Fluid proof barrier for infection control
	Weldable
	Wipe clean For infection control