



# Fact Sheet: FR Protect

Strong, flexible and air-holding coated fabrics, with additional flame retardancy capabilities – engineered as standard.

## About FR Protect

FR Protect by Trelleborg is engineered to perform in demanding medical environments.

Featuring antimicrobial properties, these fabrics are protected from the growth of mold and mildew, ensuring longevity and high performance across a wide range of industrial and institutional needs.

Available in multiple denier configurations, FR Protect offers diverse strength and flexibility options, making it a truly versatile fabric.

Additionally, the FR Protect range provides exceptional flame resistance, making it a trusted choice for high-risk fire situations. This added layer of protection is particularly

valuable in inflatable cell applications, where patient safety is paramount.

By combining antimicrobial protection with flame resistance, Trelleborg delivers a versatile and reliable solution that meets the exacting standards of industries requiring robust, high-performing materials.

The FR Protect range demonstrates Trelleborg's dedication to addressing complex challenges through engineered coated fabric solutions. Whether it's safeguarding against fire hazards, resisting microbial growth, or ensuring long-lasting durability, the FR Protect Line offers unparalleled performance tailored to meet the needs of critical applications worldwide.

## Key benefits

**Air Holding:** Excellent air retention properties, making it suitable for inflatable products.

**Antimicrobial:** Provides protection against microbial growth, ensuring hygiene and skin safety.

**Flame Retardant:** Provides protection against fire hazards, ensuring safety in high-risk environments.

**Heat Tapeable:** Can be heat-sealed for added durability and strength.

**Weldable:** Can be easily welded for seamless and durable connections.

## Why choose Trelleborg Engineered Coated Fabrics?

We are specialist manufacturers of polyurethane coated textiles for medical applications. All our polyurethane coated fabrics for healthcare & medical applications 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. Trelleborg's 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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[in trelleborg-medical-solutions](https://www.linkedin.com/company/trelleborg-medical-solutions) | [TrelleborgECF](https://www.facebook.com/TrelleborgECF)

	<b>Air Holding</b> Tested to ASTM D 5193
	<b>Antimicrobial</b> Additive can be included to provide antimicrobial properties as per MIL-STD-810-G
	<b>Flame Retardant</b> Tested to CFR 16 Part 1610
	<b>Heat Tapeable</b> Can securely bond through various heat application techniques
	<b>Hydrolysis Resistant</b> Samples are exposed to 95% relative humidity at 70°C – EN 12880-3
	<b>No Stretch</b> No delamination
	<b>Print Receptive</b> Compatible with a wide range of printing inks
	<b>Weldable</b> Polyester and Nylon fabric options available
	<b>Wipe clean</b> For infection control