



Fact Sheet: MicroClimate Plus

The definition of 'no compromise'; the Dartex® MicroClimate Plus range combines high levels of breathability and chemical resistance; available on a 100% recycled fabric.



Key benefits

Now you can have everything you desire in one coated fabric: breathability AND durability is now possible thanks to Trelleborg.

Combining the advanced chemical resistance properties of Dartex® Endurance with superior moisture vapour permeability of Dartex® MicroClimate, the bonus feature of this ground-breaking coated fabric is its availability on 100% recycled nylon.

Higher levels of breathability leads to:

- **Less moisture** at the skin / support surface interface
- **Increased patient comfort** as the skin is dryer and cooler

PVC FREE

Keeping vulnerable skin cooler for longer could help reduce the occurrence of pressure ulcers.

- **Stretch & Recovery** – essential for pressure redistribution and the prevention of avoidable pressure injuries
- **Easily cleaned** – either wipe clean or machine washable.

CHOOSE THE RIGHT FABRIC FOR THE RIGHT APPLICATION

Making the dream a reality with our innovative coating combination of moisture vapour permeability and chemical resistance; Talk to Trelleborg today and request a sample of Dartex® MicroClimate Plus to see how it will enhance your medical application.

Recommended cleaning

GENERAL GUIDANCE

Always follow the manufacturer's washing instructions. Ask for a copy of the Dartex® Support Surfaces cleaning guidance for further information on compatible chemicals.

- **Protect** by removing spillages promptly with an absorbent dry cloth. General soiling can be handled with a microfibre cloth and tepid, soapy water (non alkaline) to remove the spillage

- **Rinse** with clean water and dry with a soft absorbent cloth. Bodily fluids should be removed promptly (within 15 minutes) with cold water then cleaned as above
- **Dry** thoroughly before returning to use or storage.

Why choose Trelleborg Engineered Coated Fabrics?

We are specialist manufacturers of polyurethane-coated technical textiles for medical applications.

All PU fabrics provide a fluid-proof, virus-proof barrier for infection control. Our

industry leading Dartex® range combines unique stretch and recovery capabilities with breathable, high quality PU coatings, to provide pressure redistribution¹ around the world.

Contact our technical sales team for specifications and more information:

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 🏢 TrelleborgHM 📄 trelleborg-healthcare-&-medical

References:

¹ Haxby, R; Pearce, K; Turton, T; Scott, I; Williams, C. (2019). Support Surface Cover & Core: Working Together in Sweet Harmony. Available for download <https://www.trelleborg.com/en/engineered-coated-fabrics/industries/healthcare-and-medical>

	4-way stretch No delamination
	71°C & 95°C Machine washable No delamination
	Advanced chemical resistance For increased lifetime of support surface
	Bio-compatibility (ISO10993-5) Cytotoxicity = < Grade 1 (ISO10993-10) Skin Irritation – classed as non-irritant; Skin Sensitisation – considered to be non-sensitiser
	Eco flame retardant: Crib 5 BS7175, sources 0, 1, 5 conforms when used with a suitable combustion modified foam RoHS Directive 2011/65/EU compliant
	Fungistatic Contains an anti-fungal / anti-microbial agent to control microbial deterioration; The products do not contain any nano materials
	MVP – Advanced (g/m ² /24hours) Payne Cup ASTM D1653: 900-2000 ASTM E96 method BW: up to 3500
	Recycled fabric 100% Recycled Nylon option available, certified to Global Recycled Standard
	Waterproof Water penetration resistance/ Hydrostatic head (kPa) 35 minimum; typical 100 (BS3424-26)
	Weldable Nylon fabric options available
	Wipe clean For infection control
	UV Printable Innovative, no odour ink that does not crack when stretched – 5 colour print process