



Fact Sheet: Resilience

The Dartex® Resilience range is engineered to provide a low friction surface. Ideally suited for patient transfer applications, it is also often used as base tickings.

Key benefits

Abrasion Resistant – the special low friction polyurethane coating is specifically designed to allow easy patient transfer across the support surface.

Better abrasion resistance leads to:

- **lower instances of mechanical damage**, for example caused by clothing, buckles and general patient transportation
- **lower mattress replacement rate**, which in turn greatly speeds up and simplifies the process of auditing mattresses.

Lower friction – a secondary benefit of the Resilience coating is that it provides a lower friction surface, which can help to:

- **reduce** the risk of shear stress on vulnerable skin
- **improve** pressure redistribution through immersion and envelopment

PVC FREE

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](https://www.trelleborg.com/en/engineered-coated-fabrics/industries/healthcare-and-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>

	2-way & 4-way stretch No delamination
	71°C & 95°C Machine washable Dyed and Scour fabrics available No delamination
	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
	High abrasion resistance EN ISO 5470-2 Martindale abrasion resistance pass up to 150,000 cycles
	MVP – Advanced (g/m ² /24hours) Payne Cup ASTM D1653: 300-450 ASTM E96 method BW: 140
	Waterproof Water penetration resistance/ Hydrostatic head (kPa) 35 minimum; typical 100 (BS3424-26)
	Weldable Polyester and 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