



Fact Sheet: Endurance

The Dartex® Endurance range was specifically engineered to withstand harsh chemical cleaning. With its exceptional lifetime, is this the toughest healthcare fabric in the world?

Key benefits

CHEMICALLY RESISTANT

The special polyurethane coating, specifically designed to resist chemical attack has been proven in case studies to lead to a 10-fold reduction in failure rate as a result of coating deterioration (27% to 1.9%).¹

Better chemical resistance leads to:

- **reduced** risk of hospital acquired infections
- **increased** lifetime value of the mattress
- **lower** mattress replacement rate, which in turn greatly speeds up and simplifies the process of auditing mattresses.

BREATHABILITY

The moisture vapour transmission (MVT) properties of PU keeps skin cool and dry, unlike PVC which doesn't 'breathe'

STRETCH & RECOVERY

Essential for pressure redistribution and the prevention of avoidable pressure injuries

EASILY CLEANED

Either wipe clean or machine washable

APPLICATIONS

Suitable for use in acute, community and independent living applications.

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 redistribution² 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 Laidlaw, M; McDowall-Laing, S; McLean, P; Milnes, J. (2015). Strikethrough Resistant Technology™: a possible solution to mattress audit failures. Wounds UK. 11 (3), p72-77

² 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
	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 & 7 BS7175, sources 0, 1, 5 & 7 conforms CTB117-2013 - Class 1. RoHS Directive (EU) 2015/863 compliant
	Fungistatic Contains an anti-fungal / anti-microbial agent to control microbial deterioration; The products do not contain any nano materials
	MVP (g/m ² /24hours) Payne Cup ASTM D1653: 200-350 ASTM E96 method BW: 120
	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