

Dartex® is the trusted brand for medical support surface fabrics in the healthcare sector

Combining specialist stretch fabric technology and Dartex® coating capability, we have created a breathable faux leather for use in healthcare seating applications, including but not limited to:

- Bedside chairs
- Chemotherapy chairs
- Dialysis chairs
- Dental chairs
- Recliners
- Spinal beds
- Other specialist medical seating and devices

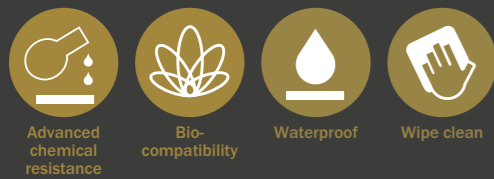
PVC FREE

Why choose polyurethane over PVC?

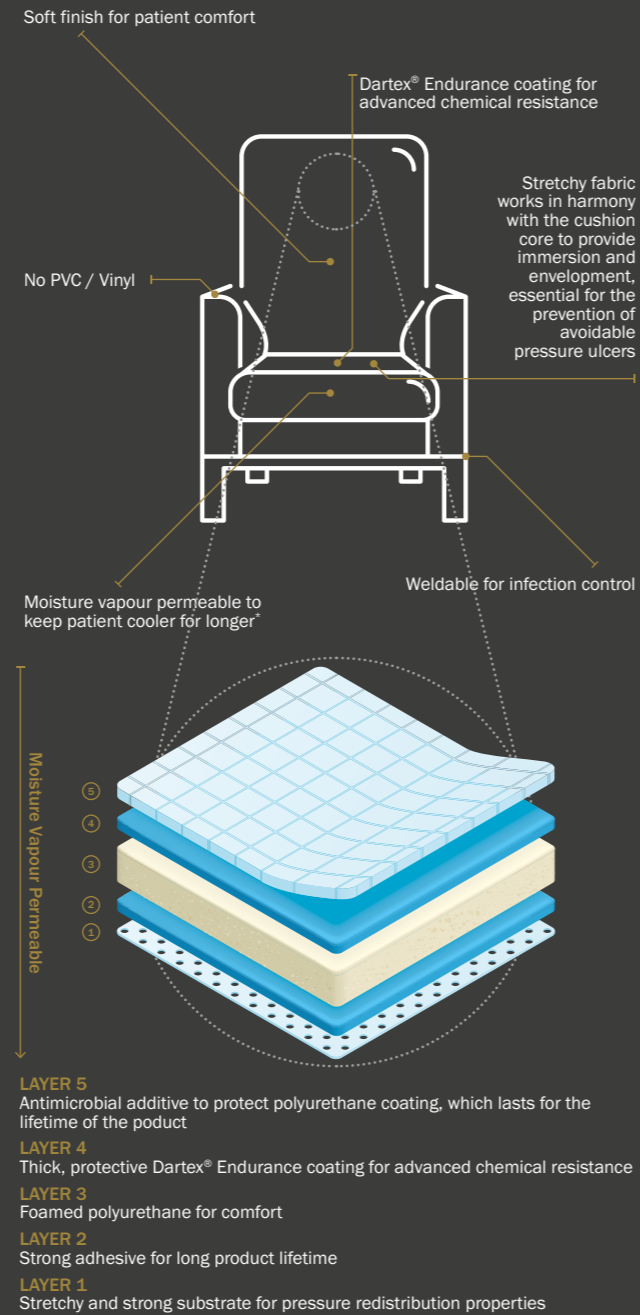
Over time, the plasticizers that are used to soften the PVC and vinyl naturally migrate to the surface of the fabric. This causes the structure to weaken and crack. Polyurethane coatings do not contain plasticizers or phthalates so they **will not crack**. Polyurethane coatings are a **waterproof** barrier, but are also **moisture vapour permeable**, which make them an ideal choice for medical support surfaces.

Cleaning instructions

- Remove 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
- Infection Control: Use a 1% Sodium Hypochlorite (bleach) solution, Haz tabs or Chlor Clean. Ensure that the cleaning solution is rinsed with clean water and that the surface is wiped dry after cleaning.



Each layer of DartexLeather is specifically engineered for optimum patient outcomes:



Trelleborg is a world leader in engineered polymer solutions that seal, damp and protect critical applications in demanding environments. Its innovative solutions accelerate performance for customers in a sustainable way.

Dartex Coatings is proud to be part of the Trelleborg Group. With locations in the US and the UK, we are ideally positioned to supply the global healthcare and medical market with technical textiles designed for the prevention of avoidable pressure ulcers.



Speak to our team for more information:

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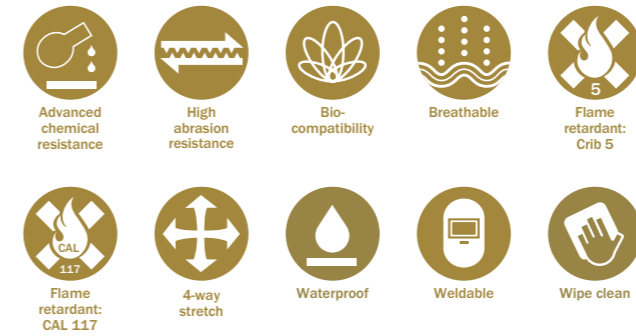
*No Sweat? A study into the microclimate characteristics of PVC and Polyurethane coated seating fabrics.
Authors: Dawn Chilvers, Richard Haxby, Katie Pearce, Claire Williams (2019).
Presented at: Tissue Viability Society (TVS) Conference, Southampton, UK 2019.

TRELLEBORG ENGINEERED COATED FABRICS



DartexLeather

The latest innovation in faux leather – lightweight, breathable and as strong as vinyl



PVC FREE



- PVC Free
- Latex Free
- Phthalate Free
- REACH & RoHS compliant

LEA422

DartexLeather has a luxurious feel for enhanced comfort and comes with unrivalled stretch properties as standard – an uncharacteristic feature of other synthetic leathers on the market.

Typical average across <10 batches
Product / 53% PU: 16% PA: 19% MA: 12% CO

Composition: Coating / 100% Polyurethane		TEST METHOD [^]	METRIC [*]	IMPERIAL [*]
PROPERTY	PHYSICAL			
	Thickness	EN ISO 2286-3	1.10mm	0.04inch
	Mass per unit area	EN ISO 2286-2	420g/m ²	12.39oz/yd ²
	Width		100-140cm	39-55inch
	PERFORMANCE			
	Coating Adhesion – warp	EN ISO2411-2	39N/50mm	8.76lbf/2in
	Coating Adhesion – weft	EN ISO2411-2	32N/50mm	7.19lbf/2in
	Resistance to Water Penetration (Hydrostatic Head)	BS3424-26	>100kPa	>14.5psi
	MVTR – Index method	BS 3424-34		4.5%
	MVTR – Payne Cup method	ASTM D1653	300g/m ² /24hr	
MVTR	ASTM E96B	120g/m ² /24hr		
DURABILITY				
Breaking Strength – warp	EN ISO1421-1	354N/50mm	79.5lbf/2in	
Breaking Strength – weft	EN ISO1421-1	408N/50mm	91.63lbf/2in	
Breaking Extension – warp	EN ISO1421-1		100%	
Breaking Extension – weft	EN ISO1421-1		150%	
Tear Strength – warp	EN ISO4674-1	80N	18.0lbf	
Tear Strength – weft	EN ISO4674-1	55N	12.4lbf	
Burst Strength	EN 12332-1	591N	132.9lbf	
Martindale Abrasion after 350,000 cycles	EN ISO 5470-2		Grade 1 – Very Slight	
Accelerated Ageing	EN 12280-3		Equivalent >200 weeks	
FIRE RESISTANCE				
Fire Resistance	BS7176 Med Haz		Pass	
	Cal TB 117		Pass	
COLOUR FASTNESS				
Colour Fastness to rubbing <small>from stated standard</small> <small>* This is not a specification – typical values</small>	EN20105-X12		Wet 4/5, Dry 4/5	



We colour match to any requirement. Speak with one of our representatives for colour options.