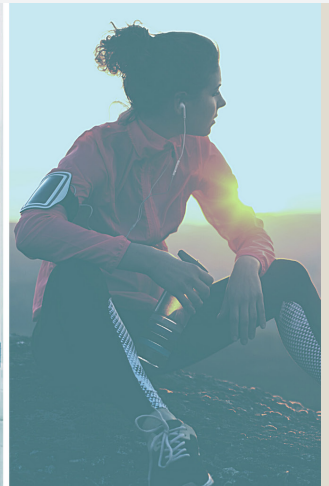


Dartex® Ultimate Air



WHY CHOOSE ULTIMATE AIR?

Ultimate Air is the next generation of microclimate support surface fabrics. It stands alone in the market as the only fabric that allows air to pass through it while remaining waterproof.

With Ultimate Air, you can ensure heat and humidity pass quickly; minimizing the accumulation of moisture within your application.

APPLICATIONS:

Suitable for Healthcare & Medical, Defense, Recreation and Workwear industries.

CONSTRUCTION

- Berry compliant options available
- Compatible with durable water repellent finish
- Compatible with flame retardant systems
- Incorporates nanotechnology
- Most breathable product to keep users cool and dry

TYPICAL PROPERTIES

Product construction may impact performance properties

- Air permeable (typical values from 0-5 cfm)
- 4- Way Stretch (typical values of 200%)
- Durable (Withstands commercial and home laundering & Withstands 24h continuous laundering)
- Highest Moisture Vapor Transmission Rate (typical values of 2500 g/m²/24h)
- Waterproof (typical values of 300 mbar or higher)



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PROPERTIES	TEST METHOD	UNITS METRIC/IMPERIAL	TYPICAL RESULT
Width	Internal	cm / in	144 / 56
Thickness	Internal	mm / in	0.2 / 0.079
Weight	Internal	gsm / osy	114 / 3.4
Hydrostatic head	BS 3424-26	kPa / psi	0.80, > 120 / 11
Coating Adhesion (warp)	EN ISO 2411	N/50mm / lb per 2in	5 / 1.1
Coating Adhesion (weft)	EN ISO 2411	N/50mm / lb per 2in	8 / 1.8
Tear Strength (warp)	EN ISO 4674-1	N / lb	87 / 19.6
Tear Strength (weft)	EN ISO 4674-1	N / lb	51 / 11.5
Shrinkage (warp)	Internal	% change	-2.5
Shrinkage (weft)	Internal	% change	-6
MVT	BS3424-34	%	76
MVT	ASTM D1653	g/m ² /24hr	3407
MVT	ASTM E96 BW	g/m ² /24hr	2553
Air Permeability	ASTM D737-36	Cfm / ydsq	0.18

The information supplied herein is based upon information currently available on the subject. It is offered as a possible helpful guide. Trelleborg Coated Systems US, Inc. makes no guarantee of results and assumes no obligation or liability whatsoever in connection with this information.