

SOFTLINES

INTERACTIVE SOLUTIONS-機能性紡織品

登山服

登山服因應攀爬的地點、季節和路線而有不同的功能訴求；除此之外高機能登山服能透過多層式組合，達到防水、透濕、保暖及防風效果，讓穿著者可承受嚴酷的氣候考驗。



您的登山服有多好呢？

它是否

- Anti-Bacteria/Mold 抗菌防霉
- Breathability 透濕
- Deodorization 消臭
- Quick Dry 速乾
- Thermal resistance 溫度調節
- UPF 抗紫外線
- Visibility 可視性能
- Water repellency 撥水
- Windproof 防風/透氣
- Far infrared 遠紅外線

您可能不知道您的產品有多好或如何以客觀的數據來說服買家，這些都是Intertek全國公證能提供協助的地方。

為何選擇Intertek全國公證？

- 提供ATIC服務(保證、測試、驗貨和認證)的全球領導品牌
- 擁有經驗豐富的專業團隊為紡織檢驗業之翹楚
- 頂尖的高機能性紡織測試中心，涵括35種類別和200多種的功能性檢測
- 優質化學中心與先進設備，提供全方位的化學測試服務
- 以先進的儀器設備和專業服務，為每位客戶量身打造創新的ATIC解決方案

想要為您的產品加值？

請立即聯繫我們！

FOR MORE INFORMATION

台北

- +886 2 6602 2636
- +886 2 6602 2696
- +886 2 6602 2625
- +886 2 6602 2626
- +886 2 6602 2663

- amy.lee@intertek.com
- cindy.chen@intertek.com
- eileen.tsai@intertek.com
- nico.chang@intertek.com
- yoko.sung@intertek.com

台中

- +886 4 2359 8803

- leighton.chen@intertek.com

- Intertek-twn.com

測試項目	簡介	對應標準
Absorbency 吸水性能	To determine the absorbency of textiles. 測定紡織品的吸水能力	AATCC 79, JIS L1907 7.1.2, GB/T 21655.1, Sec.8.1& 8.2, CNS 13905
Anti-Bacteria 抗菌	To check the efficiency of microbial control of bacteria (the ability to inhibit the growth of bacteria) based on quantitative and/ or qualitative methods. 以定性跟定量方法確認抑菌效力	Quantitative: AATCC 100, ISO 20743, ISO 22196, ASTM E2149, JIS L1902, JIS Z2801, CNS 14945, CNS 14946, FTTS-FA-001, FTTS-FA-002 Qualitative: AATCC 147, ISO 20645, JIS L1902, CNS 13907
Anti-mold 防霉	To check the efficiency of microbial control of fungus (the ability to inhibit the growth of fungus) based on qualitative methods 以定性方法確認防霉效力	AATCC 30, ASTM G21, JIS Z2911, CNS 2690 (wet method), FTTS-FA-006
Water vapour permeability(Breathability) 透濕	To measure the rate of water vapour transmission through fabric in a specific area. 測定紡織品於特定面積下的水氣通過量	ASTM E96, JIS L1099, BS 7209, GB/T 12704.1, GB/T 12704.2, Method A/B, GB/T 21655.1 Section 8.5, CNS 12222
De-odorization 消臭	To measure the amount of gas absorbed by fabrics/ fibers during a certain time interval. The more gas absorbed by tested fabrics/fibers, the better the deodorization. 紡織品異味吸附確效	ISO 17299, FTTS-FA-018, JEC 301
Down & feather penetration 羽絨穿透	To determine the down and/or feather penetration through the fabric or seam or stitches of whole garment but tumbling apparatus. 測定羽毛/絨受到搓揉後由布料/縫線處穿透的狀況	EN12132-1
Far Infrared 遠紅外線(蓄熱保暖)	To evaluate the claimed far infrared performance of textiles by measuring the infrared emission rate and temperature rise of specimen. 測定蓄熱保暖紡織品在遠紅外線穿透率與溫度提昇的效果	GB/T 30127, FTTS-TA-010
Moisturizing (or Moisture management) 水份管理	To measure the liquid moisture transport of fabrics, including the ability in liquid absorption, wetting, and one-way transport. 測定水份管理能力·包括: 吸水性、擴散力和單向傳輸水份能力	AATCC 195, GB/T 21655.2, CNS 15659-2, FTTS-FA-020
Quick Dry 速乾	To determine the drying ability of textiles in a specific environment condition. 測定紡織品於特定環境條件下的乾燥能力	AATCC 199, AATCC 200, AATCC 201, GB/T 21655.1, Sec.8.3
Thermal Resistance (or Thermal regulation) 溫度調節	To measure fabric warming property under a specific conditions by guarded hotplate. 在特定的環境條件下使用熱板測定紡織品的溫度調節特性	ASTM D1518, ISO 11092, ASTM F1868, ASTM D7984
UPF testing 抗紫外線	To determine the ultraviolet (UV) radiation blocked or transmitted by textile fabrics intended to be used for UV protection. 確認紡織品抵抗紫外線穿透之防護能力	AATCC 183, ASTM D6603/ ASTM D6544 (UV Label), BS EN 13758-1&2, ASNZS 4399, GB/T 18830, CNS 15001, FTTS-FA-008
Visibility (Coefficient of Retroreflection) 反光性能(迴歸反射)	To determine the coefficient of retroreflection for reflective materials. 反光材質於光線照射下對光的迴歸反射性能確認	ANSI/ISEA 107, ISO 20471, ASTM E809/ ASTM E 1809, BS EN 1150, BS EN 13356
Visibility (chromaticity of neon color) 色彩性能	To measure the chromaticity coordinates and luminance value for fluorescent material. 確認螢光材質之色度座標與亮度因子	ANSI/ISEA 107, ISO 20471, BS EN 1150, CNS 15909 L4165, FTTS-FA-126
Water repellency 撥水	To determine the ability that fabric can resist wetness by water spray. 測定紡織品抵擋水珠濕潤表面的能力	AATCC 22, ISO 4920, JIS L1092, GB/T 4745, BS 3424:Part 26, Method 29D, CNS 10461 L3202, ISO 9865 (Bundesmann Rain Shower)
Water resistance 防水	To determine the ability that fabric can resist wetting and penetration of water by impact. 測定紡織品抵擋水份沖擊滲透的能力	Rain test: AATCC 35, ISO 22958, GB/T 23321, CNS 10460 Hydrostatic pressure test : AATCC 127, ISO 811, JIS L1092 Method A/B, GB/T 4744, CNS 10460, ASTM D751 procedure A Impact penetration: AATCC 42
Weathering 耐候性能	To determine the resistance to color change or degradation by artificial weathering with Xenon Arc or UV light exposure. 利用人造燈源模擬太陽光與紫外線之耐久曝曬性能測試	Day light weathering : ASTM G155, ASTM D4459, AATCC 169, ISO 4892-2, BS EN 105 B04, BS EN 105 B10 UV light weathering: ASTM G154, ASTM D4329, AATCC 186, ISO 4892-3
Wicking 爬昇擴散	To determine the ability of liquid transport by fabrics in vertical/ horizontal direction. 測定紡織品於垂直/水平方向的水份傳輸能力	AATCC197, AATCC 198, JIS L1907 7.1.2, GB/T 21655.1, Sec.8.4, CNS 13905
Windproof 防風/透氣	To determine the rate of air passing through from a specific area by a prescribed pressure difference of testing machine. 測定紡織品在固定面積與預設的壓力差下可通過的氣體流量	ASTM D737, ISO 9237, GB/T 5453, CNS 5612, JIS L 1096 8.26-1-A



Performance Test 常規性能測試

- Physical testing 物性測試
- Color fastness testing 色牢度測試

Regulatory Test 強制性測試

- Flammability 燃燒測試
- Fiber content analysis & labelling 纖維成分和標籤
- Restricted substances 禁用化學品
- Drawstring and mechanical hazards for childrenswear 繩帶和機械性安全測試(適用兒童產品)