

SOFTLINES

INTERACTIVE SOLUTIONS-機能性紡織品

健行衣

健行時您需要的是能夠迅速排汗與透氣的服裝，不會因停下腳步而著涼。艷陽下除了能保護您免受紫外線的攻擊；雨天則可防水和防風，讓您的身體保持溫暖。



您的健行衣有多好呢？

它是否

- Anti-Bacteria/Mold 抗菌防黴
- Breathability 透濕
- Instant-cooling 瞬間涼感
- Moisture Management 水分管理
- Quick Dry 速乾
- Thermal Resistance 溫度調節
- UPF Testing 抗紫外線
- Water Repellence 防潑水
- Windproof 防風/透氣

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

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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, ISO 11092, ASTM F1868
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
Instant cooling 瞬間涼感	To measure the maximum heat loss in a short period of time to simulate the cooling effect of fabric as soon as it touches the skin. 測定紡織品接觸皮膚的過程中傳遞的最大熱流量	FTTS-FA-019 (Qmax), CNS 15687
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. 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下的乾燥能力	AATCC 199, AATCC 200, AATCC 201, GB/T 21655.1, Sec.8.3
Stretch & Recovery 彈性回復	To measure stretchability and deformation of fabric after cycling extension by a specific load at specific time interval. 特定荷重下往復拉伸的伸長率及拉伸過一段時間之後的回復率	ASTM D2594, ASTM D3107, ASTM D4964, ASTM D6614, JIS L1096, EN14704, CNS 8039
Thermal Resistance (or Thermal regulation) 溫度調節	To measure fabric warming property under a specific conditions by guarded hotplate. 特定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, AS/NZS 4399, GB/T 18830, CNS 15001, FTTS-FA-008
Visibility 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 防撥水	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衝擊滲透的能力	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
Wicking 爬昇擴散	To determine the ability of liquid transport by fabrics in vertical/horizontal direction. 測定在垂直/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)