

Intertek Standard of High-Performance Mark for General Activewear / Athleisure Wear

Descriptors	Testing	Method & Index	Requirement
Anti-Bacterial	Anti-Bacterial	ISO 20743	≥95% reduction @AR; ≥90% reduction after washes
Anti-Down Leakage	Down & Feather Penetration	SLHK-T-TMDB23 (SLHK - IHTM - 002)	Grade 4.0
Breathable	Breathability	Ret method (ISO 11092, GB/T 11048, BS EN 31092, ASTM F1868 Part B)	(13,20]
		ASTM E96 B & GB/T 12704.2 b) water method (23±1)°C, RH (50±2)%	≥500g/m ² /24h
		ASTM E96 BW & GB/T 12704.2 b) inverted water method (23±1)°C, RH (50±2)%	≥3000g/m ² /24h
		ASTM E96 E&JIS L 1099 A1 &GB/T 12704.1a) Desiccant method (38±1)°C, RH (90±2)%	≥3500g/m ² /24h
		JIS L 1099 B1&B2 Potassium acetate method	≥5000g/m ² /24h
		BS 7209	≥60%
Handfeel	Fabric Touch (FTT)	Smoothness SLHK - IHTM - 003	Grade [3-4] or [0.4-0.6]
		Softness SLHK - IHTM - 003	Grade [3-4] or [0.4-0.6]
Moisture Management	Moisture Management	AATCC 195	Wetting time, Absorption rate, Max wetted radius, Spreading speed, One-way transport capability and OMMC should be Grade 3
Odor-Repellent	Deodorization	ISO 17299-1&2&3	1. ≥70% for Ammonia, Acetic acid, Hydrogen sulfide, Methyl mercaptan and Indole or 2. ≥75% for Nonenal; or 3. ≥85% for Isovaleric acid
Quick-Dry	Quick Dry	AATCC 199	≤90min
		AATCC 200	≥10ml/h
		AATCC 201	≤20min or ≥0.6ml/hr
Stain Release	Soil Release	AATCC 130	Grade 3.5





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Stretchable	Stretch & Recovery	Growth % after 30 minutes relaxation (Knitted fabric: BS EN 14704-1 method A&B, ASTM D2594; Woven fabric: BS EN 14704-1 method A&B, ASTM D3107; Elastic fabric: BS 4952, ASTM D4964, ASTM D6614)	≤7%
		Recovery % after 30 minutes relaxation (Knitted fabric: BS EN 14704-1 method A&B, ASTM D2594; Woven fabric: BS EN 14704-1 method A&B, ASTM D3107; Elastic fabric: BS 4952, ASTM D4964, ASTM D6614)	>85%
UV Protection	UV Protection	EN 13858-2, AATCC 183 (ASTM D6544/ ASTM D6603), AS/NZS 4399	>UPF 40; UVA Transmittance <5% should include the garment design
Water-Repellent	Water Repellency	Spray tests (AATCC 22, BS EN 24920, ISO 4920, JIS L1092, AS 2001-2-16, CAN/CGSB-4.2 No./N26.2, GB/T 4745)	90 (4.0) AR; 80 (3.0) AF
		Rain-shower tests (ISO 9865, DIN EN 29865)	Water Absorbency: 15% max Visual Grade: 4 mim. Penetration: 0 gram
Water-Resistant	Water Resistance	Hydrostatic pressure methods (AATCC 127, ISO 811, JIS L1092 method A, CAN/CGSB-4.2 No./N26.3, GB/T 4744, AS 1066 method 2)	≥1000 mmH ₂ O (150mbar)
		Rain test (AATCC 35, ISO 22958)	Max. 1 gram
		Impact penetration (AATCC 42)	Max. 1 gram
Waterproof	Waterproof	Hydrostatic pressure methods (AATCC 22, BS EN 24920, ISO 4920, JIS L1092, AS 2001-2-16, CAN/CGSB-4.2 No./N26.2, GB/T 4745)	≥3000 mmH ₂ O (300mbar)
Wrinkle-Free	Wrinkle Resistance	Smooth appearance AATCC 124	Grade 3.5
		Seam appearance AATCC 88B	Grade 3.5
		Crease retention AATCC 88C	Grade 3.5
		Wrinkle recovery AATCC 128	Grade 3.5
Remark:	Sample will be tested in as receive and after 5 washes when pre-treatment is not specified in the standard		