

	ACCREDITATION DOCUMENT	F-06/02 Issue Date: 18/08/2020 Rev. No: 09 LAB 040
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Accreditation No: LAB 040

Awarded to

**Intertek Pakistan Private Limited Laboratory
Baig Tower Plot #E-6 Block 7 &8 Central
Commercial Area, Cooperative housing society
Karachi, Pakistan**

The scope of accreditation is in accordance with the standard specifications outlined in the following page(s) of this document. The accredited scope shall be visible and legible in areas such as customer service, sample-receiving section etc and shall not mislead its users.

The accreditation was first time granted on **08-09-2009** by Pakistan National Accreditation Council.

The laboratory complies with the requirements of **ISO/IEC 17025:2017**.

The accreditation requires regular surveillance, and is valid until **05-11-2025**

The decision of accreditation made by Pakistan National Accreditation Council implies that the organization has been found to fulfill the requirements for accreditation within the scope.

The organization however, itself is responsible for the results of performed measurements/tests.

PAKISTAN NATIONAL ACCREDITATION COUNCIL

02-09-2024
Date

SD
Director General

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Testing Laboratory.

Accreditation Scope of Intertek Pakistan Karachi - Pakistan

Permanent laboratory premises

Materials /Products tested	Testing field (e.g., environmental testing or mechanical testing)	Types of test/ Properties measured	Reference to standardized method (e.g. ISO 14577-1:2003)/ Internal method reference
Textile / Fabric Product	Textile Testing	Fabric mass per unit area	ISO 3801, ASTM D3776, BS2471
	Textile Testing	Ends& Picks (woven fabric)	ASTM D 3775, ISO- 7211-2
	Textile Testing	Shrinkage	BS EN ISO 6330, BS EN ISO 5077,BS EN ISO 3759, AATCC 135/150
	Textile Testing	Appearance of fabrics after wash appearance of seam after wash and appearance of Crease after wash	AATCC 124, BS ISO 7768, AATCC 88B, BS ISO 7770, AATCC 88C, BS ISO 7769
	Textile Testing	Color Fastness to Washing	BS EN ISO 105 CO1-CO5, BS EN ISO 105CO6, AATCC 61
	Textile Testing	Color Fastness to Perspiration	BS EN ISO 105EO4, AATCC 15
	Textile Testing	Color Fastness to Rubbing /Crocking	BS EN ISO 105X12 /X16 AATCC 8
	Textile Testing	Color Fastness to Water	BS EN ISO 105EO1, AATCC 107
	Textile Testing	Color Fastness to Sea Water	BSEN ISO 105 EO2, AATCC 106
	Textile Testing	Color Fastness to Dry Cleaning	BSEN ISO 105 DO1, AATCC 132
	Textile Testing	Tear Strength (Digital)	BS EN ISO13937-1 ASTM D 1424
	Textile Testing	Tear Strength (Elmendorf)	BS EN ISO13937-1 ASTM D 1424
	Textile Testing	Abrasion Resistance	BSEN ISO 12947- 2/3/4, ASTM D4966

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Textile / Fabric Product	Textile Testing	Water Repellence: Spray Test	ISO 4920, AATCC 22
	Textile Testing	Soil Release- oil Stain release Method	AATCC 130
	Textile Testing	Pilling Resistance (ICI Pilling Box Method)	BS EN ISO 12945-1
	Textile Testing	Pilling Resistance (Martindale)	BS EN ISO 12945-2 ASTM D 4970
	Textile Testing	Pilling Resistance (Random Tumble)	ASTM D 3512
	Textile Testing	Flammability Test	16 CFR 1610 ASTM D 1230
	Textile Testing	Button / Stud Socket	16 CFR 1500 51-53 Part F
	Textile Testing	Sharp Point in toys & toys & another article	16 CFR 1500.48
	Textile Testing	Sharp edge in toys & toys & another article	16 CFR 1500.49
	Textile Testing	Torque Test / Small Part Assessment	16 CFR 1500.50,51-53 16 CFR 1501
	Textile Testing	Bursting strength	BS EN ISO 13938-1/2 ASTM D 3786
	Textile Testing	Seam Slippage / Strength	ASTM D 434, BS 3320 BS EN ISO 13936-1/2 ASTM D 1683 BS EN ISO 13935-1/2
	Textile Testing	Fiber Analysis	AATCC 20/20A BS EN ISO 1833
	Textile Testing	Color Fastness to light	AATCC 16 & ISO 105 B02
	Textile Testing	Skew	AATCC 179 ISO 16322-1/2/3
	Textile Testing	CF to chlorinated water	BS EN ISO 105 E03 AATCC 162
	Textile Testing	Absorbency / Wet ability	AATCC 79, ASTM D 4772, BS EN 14697 Appendix B

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Textile / Fabric Product	Textile Testing	pH Aqueous Extracts)	BS EN ISO 3071 / ISO 4045 AATCC 81
	Textile Testing	Formaldehyde (Free & Hydrolyzed)	BS EN ISO 14184-1/2 AATCC 112
	Textile Testing	Tensile Strength	ISO 13934-1/2 ASTM D 5034/5035
	Textile Testing	Stretch and Recovery	ASTM D 3107 / ISO 14704-1 ASTM D 2594
	Textile Testing	Determination of Aromatic Amines –Azo Dyes	BS EN 14362-1:2003, BS EN 14362-2:2003, BS EN 14362-3:2003, BS EN 14362-1 & 3:2012, BS EN 14362-1 & 3:2017, ISO 17234-1:2020 ISO 17234-2:2011
	Textile Testing	Determination of Phthalates	CPSC – CH – C -1001 -09.4 EN 14372:2004 (6.3.2) BS EN ISO 14389:2014
	Textile Testing	Determination of Alkylphenols (APs) & Alkylphenol ethoxylates (APEOs)	EN ISO 18254-1:2016 EN ISO 18218-1:2015 EN ISO 21084:2019
	Textile Testing	Determination of short-chain (SCCP / MCCP)	ISO 18219-1/2: 2021
	Textile Testing	Determination of Allergenic Disperse dyes Carcinogenic Dyes & Navy-Blue Colorant	DIN 54231:2005-11 ISO 16373-2/3 - LCMS
	Textile Testing	Determination of DMFu	ISO 16186:2012
	Textile Testing	Determination of DMFa	ISO 16189:2013
	Textile Testing	Determination of polycyclic aromatic hydrocarbons (PAHs -Quinoline)	ZEK 01.4-08 2011-11-1694 DIN38407-39-3540/41 AfPS GS 2014:01- (2014-08)
Leather Testing	Formaldehyde in Leather	EN ISO 17226-1: 2021 EN ISO 17226-2: 2018	

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Textile / Fabric Product	Textile Testing	Determination of Organotin Compounds	ISO / TS 16179:2012 ISO 17353:2005
	Textile Testing	Determination of Chlorinated Phenols	BS EN ISO 17070:2015 BS EN 12673, §35 LMBG 82.02 8 DIN 53313
	Textile Testing	Total Heavy Metal in Paint & Surface coating	EN 16711-1 CPSC- CH – E 1003:09.1 EN 1811
	Textile Testing	Total Heavy Metal in Substrate	EN 16711-1 CPSC – CH –E 1001- 08.3 CPSC- CH-E 1002 -08.3 – ISO 11885 EN1122 / ISO 17072-2
	Textile Testing	Heavy Metal (Extractable) Heavy Metal	EN 16711-2 6020B /ISO 17294-1-2/ISO18412/1311 DIN 54233-3 / ISO 105 E04 / EN 71-3 / ISO 17072-1
	Textile Testing	Nickel Release	EN-1811:2011 + A1:2015, EN 12472: 2020 AAS, ICP-OES, ICP-MS
	Textile Testing	Chromium VI	BS EN ISO 17075-1
	Textile Testing	Chlorinated Organic Carriers.	BS EN 17137-8260D-8270-DIN54232:2010:2018
	Textile Testing	Sweat & saliva	DIN 53160-1: 2010 DIN 53160-2: 2002, GB/T18886:2019
	Textile Testing	Phenolic Yellowing of Textile	ISO 105 X18:2007
	Textile Testing	Colorfastness to Heat: Hot Pressing	ISO 105 X11:1994, AATCC133:2013
	Textile Testing	Flammability of Textiles	US - 16 CFR 1615-16 Loose Children Sleepwear -6
	Textile Testing	Thickness	ASTM D 1777, ISO 2589
	Textile Testing	Ozone Test	ISO 105 GO3, AATCC 109
Textile Testing	Ball Bursting	ASTM 3787-16 (2020)	

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Textile / Fabric Product	Textile Testing	Volatile Organic Compound (VOC)	ISO 11423-1, USEPA 5021A Solvent Extraction / analyzed by Headspace-GCMS, In House test Method (Based on EPA 5000 & EPA 5021A - Headspace-GCMS)
	Textile Testing	Flame Retardants (FR)	EN ISO 17881-1/2, ISO 22032, By GCMS / LC-MS/MS, Solvent Extraction followed by GCMS / LCMS
	Textile Testing	Perfluorinated and Polyfluorinated Chemicals (PFCs - PFOS/PFOA)	EN/TS 15968, ISO 23702-1, EN 12673 By GCMS / LC-MS/MS
	Textile Testing	Glycols / Glycol Ethers	In house method (Solvent Extraction By GCMS-LCMS)/ 8270 E GCMS
	Textile Testing	Halogenated Solvents	In house method (Solvent Extraction By GCMS)/8260 D
	Textile Testing	Bisphenols	As per AFIRM ISO 11936 By LC-MS/MS
	Textile Testing	Polyvinyl chloride (PVC) & Polyurethane (PU)	IHTM, Bilstein Method
	Textile Testing	Cord and Drawstring	GB 31701: 2015, EN 14682:2014,
	Textile Testing	Slide Fastener	EN 16732:2015
	Textile Testing	Water Resistance	AATCC 42:2017
	Textile Testing	Anti- Microbials, Biocides & Pesticides	GCMS – ISO 14154, BS EN 12673
	Textile Testing	Other/Miscellaneous Chemicals (Borate, zinc salt, Bisphenol A, Thiourea, Quinoline, AEEA)	LCMS-MS/ ICP
	Textile Testing	UV Absorbers	LCMS- ISO 22032
	Textile Testing	Oil Repellency	AATCC118, ISO 14419:2010
Textile Testing	Odour	SNR 195651:2015 /GB 18401 Section 6.7	

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Textile /Fabric Product	Textile Testing	Stitch Density (Knitted Fabric) / Yarn Count	ASTM D 3887 / BS 5441-88 / ISO 7211-5 / ASTM D1059 / BS EN 14970
	Textile Testing	Bow & Skew	ASTM D3882 / BS 2819
	Textile Testing	Unsnapping of Snap Fastener	ASTM D4846
	Textile Testing	Fiber Shedding	PM05 / Appendix 03
	Textile Testing	Dyes - Allergenic Disperse Dyes Dyes – Carcinogenic or Equivalent Concern	Liquid extraction, LC-MS
	Textile Testing	Organic Solvents (VOCs)	GC-MS, ISO/TS 16189
	Textile Testing	Determination of polycyclic aromatic hydrocarbons (PAHs -Quinoline)	AfPS GS 2019
	Textile Testing	Fit Properties	NAHM Board / TS Board
	Textile Testing	Pile Height / Pile to Ground Ratio	BS 14697
	Textile Testing	Measurement of width	ASTM D3774 / ISO 3932
	Textile Testing	Color Fastness to Chlorine and Non Chlorine Bleach	AATCC 172 / AATCC 188 / TS 001
	Textile Testing	Color Fastness to wet scrubbing	ISO 105 C07
	Textile Testing	Solvents (Benzene NMP, DMAc , Formamide)	ISO /TS 16189
	Textile Testing	p-Phenyldiamine / Free Aniline	ISO 14362
	Textile Testing	Chlorinated Paraffins	ISO 22818:2021
Textile Testing	PFAS - Ethoxylated Tallow Amine	EN/TS 15968, ISO 23702-1, By GCMS / LC-MS/MS	

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