

	ACCREDITATION DOCUMENT	F-06/02 Issue Date: 18/08/2020 Rev. No: 09 LAB 185
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Accreditation No: LAB 185

Awarded to

**National Textile Research Center - Textile Physical and Chemical
Lab (NTRC-TPCL),
National Textile University, Faisalabad.**

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 **12-11-2019** 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 **11-11-2022**.

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

19-04-2021
Date

SD.
Director General

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Testing Laboratory.

Accreditation Scope of National Textile Research Center-Textile Physical and Chemical Laboratory.

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
Fabric	Physical Testing	Mass per unit area	ASTM D 3776:2020
Fabric	Physical Testing	Mass per unit area	BS EN 12127:1998
Fabric	Physical Testing	Tensile Strength	ISO 13934-1:2013
Fabric	Physical Testing	Tensile Strength	ISO 13934-2:2014
Fabric	Physical Testing	Tear Force- Trouser Shaped	BS EN ISO 13937-2:2000
Fabric	Physical Testing	Hydro Static Test	BS EN ISO 811:2018
Fabric	Physical Testing	Hydro Static Test	AATCC 127:2018
Fabric/Yarn/Fibers	Chemical Testing	Fibre Analysis	AATCC 20A:2018
Fabric	Physical Testing	Impact Penetration Test	AATCC 42:2017
Fabric/Yarn/Fibres	Chemical Testing	pH of aqueous extracts	BS EN ISO 3071:2020
Face Mask	Physical Testing	Particle Filtration Efficiency	EN 143:2000
Face Mask	Physical Testing	Resistance against penetration by synthetic blood: Horizontal projection	ISO 22609:2004

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Face Mask	Physical Testing	Medical face mask: Differential Pressure	BS EN 14683:2019
Fabric	Physical Testing	Resistance of protective clothing materials to penetration by synthetic blood	ISO 16603:2004
Fabric	Physical Testing	Yarn Twist Per Inch	ASTM D1422:13(20)
Fabric	Physical Testing	Bursting Strength	ISO 13938-2:2019
Fabric	Physical Testing	Resistance to Abrasion	ISO 12947-2:2016
Fabric	Physical Testing	Rubbing Fastness	ISO 105 X-12:2016

19-04-2021
Date

Sd.
Director