



ACCREDITATION CERTIFICATE

Issued under the authority of Bangladesh Accreditation Act, 2006
by Bangladesh Accreditation Board (BAB), Ministry of Industries to

Textile Testing and Consultation Services (TTCS)

Bangladesh University of Textiles (BUTEX)

Tejgaon, Dhaka, Bangladesh

This is to certify that this

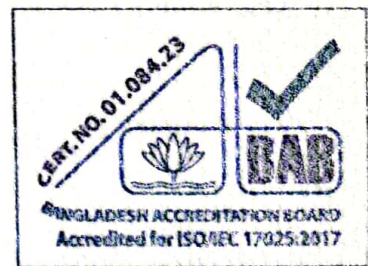
Testing Laboratory

is accredited in accordance with the international standard

ISO/IEC 17025:2017

in respect of the associated scope, subject to the terms and
conditions governing the relevant conformity assessment
body (CAB) accreditation.

Certificate Number : 01.084.23
Accreditation Date : 28 August 2023
Date of Issuance : 28 August 2023
Date of Expiration : 27 August 2026



(Signature)
Sheikh Faezul Amin
Director General

This certificate must be returned on request; reproduction must follow BAB guidelines. For the specific
scopes to which this accreditation applies, please refer to the Directory of CABs at BAB website.

SCOPE OF ACCREDITATION

(For Testing Laboratory)

CAB Name & Address: Textile Testing and Consultation Services (TTCS)
Bangladesh University of Textiles (BUTEX), Tejgaon, Dhaka, Bangladesh

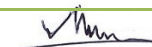
Accreditation Standard: ISO/IEC 17025:2017 **Accreditation Date:** 28.08.2023

Certificate Number: 01.084.23 **Issued on:** 28.08.2023

Last Amended on: NA **Valid until:** 27.08.2026

Amendment no: NA

S.N.	Products/ Materials/ Items of test	Type of tests performed	Specifications/ Standard test methods/Techniques used	Range of testing/Limit of detection
Field: Physical Test				
1.	Yarn	Single end breaking force	ISO 2062:2009	1-100% Elongation Max ^m 5000N
2.		Breaking strength of yarn by skein method	ISO 6939:1988	1-100% Elongation Max ^m 5000N
3.		Determination of linear density by skein method	BS EN ISO 2060:1995	5 to 100 tex (6 to 120 Ne)
4.		Tensile Strength test	ISO 13934-1:2013 ISO 13934-2:2014	Max ^m 5000N
5.	Textiles & Textiles (Garment & Fabric)	Tear force using ballistic pendulum method	ISO 13937-1:2000	Max 128 N
6.		Single tear method	ISO 13937-2:2000 ISO 13937-3:2000	Max ^m 5000N
7.		Double tear method	ISO 13737-4:2000	
8.		Surface fuzzing and to pilling	ISO 12945-2:2020	Grade 1-5
9.		Determination of specimen breakdown Martindale method-	ISO 12947-2:2016	Up to 99999999 rubs
10.		Martindale method- Determination of mass loss	ISO 12947-3:1998	Wt loss 0-80%
11.		Martindale method- Assessment of appearance change	ISO 12947-4:1998	Grade 1-5
12.		Seam tensile properties	ISO 13935-1:2014 ISO 13935-2:2014	Max ^m 5000N
13.		Slippage resistance of yarn at a seam in woven fabrics	ISO 13936-1:2004 ISO 13936-2:2004	1mm to 6 mm (Seam slippage)
14.		Slippage resistance	ISO 13936-3:2005	Max ^m 5000N
15.		Bursting Strength Test	ISO 13938-2:2019	Maximum 800 kPa
16.		Mass per unit area	BS EN 12127:1998	10 to 2000g/sq.m



Quality Manager

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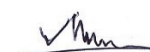
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15.		Number of threads per unit length.	BDS ISO 7211-2:2008	2 to 80 per cm/ 5 to 200 per inch
16.		Determination of width and length.	BDS ISO 22198:2009	1 cm to 100 m
17.		Determination of elasticity of fabric	BS EN 14704-1:2005 BS EN 14704-3:2006	Max ^m 5000N
18.		Linear density of yarn removed from fabric	ISO 7211-5:2020	5 to 100 tex (6 to 120 Ne)
Field: Chemical Test				
19.		Spray Test	ISO 4920:2012	ISO 0 to ISO 5
20.		Colorfastness to Rubbing	ISO 105 X12:2016	Grade 1-5
21.	Textiles & Accessories	Colorfastness to Water	ISO 105 E01:2013	Grade 1-5
22.		Colorfastness to Perspiration	ISO 105 E04:2013	Grade 1-5
23.		Colorfastness to Wash	ISO 105 C06:2010 (A1S, A2S, B2S, C2S)	Grade 1-5

END



Quality Manager