

As an accredited laboratory, this laboratory is entitled to use the following accreditation symbol.



Valid from 29 December 2023
to 13 May 2026
Issued on 29 December 2023



ISO/ IEC 17025
TL 004-03

Schedule of Accreditation

Accreditation Scheme for Testing Laboratories
Sri Lanka Accreditation Board for Conformity Assessment

Accreditation Number: TL 004-03

**Materials Laboratory,
Industrial Technology Institute,
No.120 /4A,
Vidya Mawatha,
Colombo 07.**

Scope of Accreditation: Performing Mechanical Testing on Paper and Board, Paper and Board (Excluding corrugated board/s itself, tissue paper/s & tissue product/s, laminated paper/s & board/s), and Rubber products as per the Test Methods appearing in this Schedule.

The Laboratory is accredited for the following tests appear on page 02 to 03;

SI NO	Product(s) / Material of test	Specific tests performed	Test Method/Standard against which tests are performed	Range of testing/ Limits of detection
Mechanical Testing				
01	Paper and Board	Grammage/ Weight of Paper/GSM	SLS 338:2020 ISO 536:2019	20 -500 g/m ²
02	Paper and Board (Excluding corrugated board/s itself, tissue paper/s & tissue product/s, laminated paper/s & board/s)	Tensile Strength	SLS 474 – 2: 2009 ISO 1924 – 2:2008	0.01 – 60 kN/m
		Tensile Index	SLS 474 – 2: 2009 ISO 1924 – 2:2008	0.5 – 1000 kNm/kg
		Strain at Break	SLS 474 – 2: 2009 ISO 1924 – 2:2008	1 – 90%
		Tensile Energy Absorption	SLS 474 - 2: 2009 ISO 1924 – 2:2008	150 – 500 J/m ²
		Tensile Energy Absorption Index	SLS 474 – 2: 2009 ISO 1924 – 2:2008	0.1 – 10 J/g
		Thickness (Single sheet and Bulking)	SLS 1370:2016 ISO 534:2011	0.05 – 2 mm
		Water Absorptiveness (Cobb Method)	SLS 1270:2016 ISO 535:2014	5 – 100 g/m ²

Director/CEO
Sri Lanka Accreditation Board for Conformity Assessment