



Valid from 12 February 2023
to 11 February 2026
Issued on 12 February 2023

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



ISO/IEC 17025
TL 078- 01

Schedule of Accreditation

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

Accreditation Number: TL 078 -01

**Central Laboratory
Lalan Rubbers (Pvt) Ltd,
95B, Zone A, Export Processing Zone,
Biyagama, Malwana**

Scope of Accreditation: Performing Chemical and Mechanical Tests of
Rubber Products

The Laboratory is accredited for the following tests appear on page 02 & 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	Industrial Gloves & Household Gloves (Protective gloves against mechanical risks)	Abrasion Resistance	EN388:2016+A1:2018 (Clause 6.1)	5– 300000 cycles (Levels 1-4)
		Blade cut resistance	EN388:2016+A1:2018 (Clause 6.2)	Index 1.0–Index 30 (Levels 1-5)
		Tear Resistance	EN388:2016+A1:2018 (Clause 6.4)	5 – 500 N (Levels 1-4)
		Puncture Resistance	EN388:2016+A1:2018 (Clause 6.5)	5 – 200 N (Levels 1-4)
02	Industrial Gloves	Cut resistance	ISO 13997 :1999	1 – 30 N (Levels A-F)
03	Household Gloves & Medical Gloves	Tensile properties – Tensile strength	ASTM D 412 - 16	5 – 50 MPa
04	Medical Gloves	Tensile properties – Force at Break	BS EN 455 – 2 :2015	1 – 500 N
Chemical Testing				
05	Medical Gloves & Household Gloves	Protein Content	ASTM D 5712 – 15 (Re-approved 2020) LCL-WIT 07	0.5 - 420 (µg /g)
			BS EN 455 – 3: 2015 (Clause 5.3), LCL-WIT-07	0.5 - 420 (µg /g)
		Determination of material resistance to permeation by chemicals - Gas Chromatography - Conductivity	EN 16523 – 1 :2015 +A1 :2018	1 – 490 min (Levels 1-6)
		Determination of resistance to degradation by chemicals	EN 374 – 4: 2013	1 – 100 %
06	Medical Gloves	Protein Content	BS EN 455 – 3: 2015 (Clause 5.3), LCL-WIT-07	0.5 - 420 (µg /g)
		Powder Content - Powdered Gloves - Powder Free Gloves	ASTM D 6124 –06 :2017 BS EN ISO 21171:2006	0.01-250 (mg per glove)

SI NO	Product(s) / Material of test	Specific tests performed	Test Method/ Standard against which tests are performed	Range of testing/ Limits of detection
07	Industrial Gloves	Determination of material resistance to permeation by chemicals - Gas Chromatography - Conductivity	EN 16523 – 1 :2015 +A1 :2018	1 – 490 min (Levels 1-6)
		Determination of resistance to degradation by chemicals	EN 374 – 4: 2013	1 – 100 %

Director/CEO
 Sri Lanka Accreditation Board for Conformity Assessment