

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



Valid from 19 March 2025
to 18 March 2029
Issued on 19 March 2025



ISO/IEC 17025
TL 078 - 01

Schedule of Accreditation

Accreditation Scheme for Testing 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 & Mechanical testing on Rubber Products as per the test methods appearing in this schedule

The laboratory is accredited for the tests given in the page 02;

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	Household Gloves & (Protective gloves against mechanical risks)	Abrasion Resistance	EN388:2016+A1:2018 (Clause 6.1)	5– 30000 cycles
		Blade cut resistance	EN388:2016+A1:2018 (Clause 6.2)	Index 1.2–Index 20
		Tear Resistance	EN388:2016+A1:2018 (Clause 6.4)	5 – 100 N
		Puncture Resistance	EN388:2016+A1:2018 (Clause 6.5)	5 – 150 N
02	Industrial Gloves (Protective gloves against mechanical risks)	Abrasion Resistance	EN388:2016+A1:2018 (Clause 6.1)	5– 30000 cycles
		Blade cut resistance	EN388:2016+A1:2018 (Clause 6.2)	Index 1.2–Index 20
		Tear Resistance	EN388:2016+A1:2018 (Clause 6.4)	5 – 100 N
		Puncture Resistance	EN388:2016+A1:2018 (Clause 6.5)	5 – 150 N
		Cut Resistance-TDM 100	ISO13997:2023	5 – 30 N
03	Household Gloves	Tensile properties – Tensile strength	ASTM D 412 – 16 (Re-Approved 2021)	5 – 50 MPa
04	Medical Gloves	Tensile properties – Force at Break	BS EN 455 – 2 :2015	5 – 500 N
Chemical Testing				
05	Medical 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	
		Powder Content - Powdered Gloves - Powder Free Gloves	ASTM D 6124 –06 (Re-Approved 2020) BS EN ISO 21171:2006	0.01-250 (mg per glove)
		Determination of material resistance to permeation by chemicals - Gas Chromatography - Conductivity	EN 16523 – 1 :2015 +A1 :2018	1 – 490 min
		Determination of resistance to degradation by chemicals	EN 374 – 4: 2019	1 – 100 %

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Chemical Testing				
06	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	
		Determination of material resistance to permeation by chemicals - Gas Chromatography - Conductivity	EN 16523 – 1 :2015 +A1 :2018	1 – 490 min
		Determination of resistance to degradation by chemicals	EN 374 – 4: 2019	1 – 100 %
07	Industrial Gloves	Determination of material resistance to permeation by chemicals - Gas Chromatography - Conductivity	EN 16523 – 1 :2015 +A1 :2018	1 – 490 min
		Determination of resistance to degradation by chemicals	EN 374 – 4: 2019	1 – 100 %

Acting Director /CEO

Sri Lanka Accreditation Board for Conformity Assessment