

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



Valid from 13 March 2024
to 12 March 2028
Issued on 13 March 2024



ISO/ IEC 17025
TL 056-01

Schedule of Accreditation

Accreditation Scheme for Testing Laboratories
Sri Lanka Accreditation Board for Conformity Assessment
Accreditation Number: TL 056-01

R & D Testing Laboratory
Ansell Lanka (Pvt) Ltd
Biyagama Export Processing Zone
Biyagama

Scope of Accreditation: Performing Mechanical Testing on Rubber & Rubber Products (PPE, Gloves & Sleeves) and Textile & related products (PPE, Gloves & Sleeves) as per EN, EN ISO, ASTM, ISO and ANSI/ISEA methods

The laboratory is accredited for the following tests.

SI	Product(s) / Material of test	Specific tests performed	Test Method / Standard against which tests are performed	Range of testing/ Limits of detection
Mechanical testing				
1.1	Rubber and Rubber Products (PPE, Gloves and Sleeves)	Abrasion Resistance	EN388-6.1:2016+A1:2018	Min 1, Max 32000 rev (Level 1 to Level 4)
1.2		Blade Cut Resistance	EN388-6.2:2016+A1:2018	Min 0.1 index, Max 25.0 index (Level 1 to Level 5)
1.3	Textiles and Related products (PPE, Gloves and Sleeves)	Tear Resistance	EN388-6.4:2016+A1:2018	Min 5.0 N, Max 400.0 N (Level 1 to Level 4)
1.4		Puncture Resistance	EN388-6.5:2016+A1:2018	Min 5.0 N, Max 400.0 N (Level 1 to Level 4)
			ANSI/ ISEA 105-5.1.2:2016	Min 5.0 N, Max 400.0 N (Level 0 to Level 5)

SI	Product(s) / Material of test	Specific tests performed	Test Method / Standard against which tests are performed	Range of testing/ Limits of detection
Mechanical testing				
1.5	Rubber and Rubber Products	Protective clothing – Mechanical properties – Determination of resistance to cutting by sharp objects	EN388-6.3:2016 + A1:2018 ISO 13997:1999	Min 1 N, Max 70 N (Level A, B, C, D, E and F)
1.6	(PPE, Gloves and Sleeves)	Domestic washing and drying procedures for textile testing	ISO 6330:2021	N/A
1.7	Textiles and Related products	Cut resistant- Standard Test Method for Measuring Cut Resistance of Materials Used in Protective Clothing with Tomodynamometer	ASTM F 2992: 2015	Min 100 g, Max 7000 g (Level A1, A2, A3, A4, A5, A6, A7, A8, A9)
1.8	(PPE, Gloves and Sleeves)	Determination of resistance to penetration. (Air Leakage & Water Leakage)	EN ISO 374-2:2019	Pass / Fail
1.9		Protective gloves Electrostatic properties;	EN 16350:2014	Min $10^3 \Omega$, Max $10^{13} \Omega$
1.10		Determination of Impact Resistance	EN 388:2016 + A1 2018 Clause 6.6 (EN 13594:2015)	Min 1 kN, Max 20 kN (Pass/ Fail)
			ANSI/ ISEA 138:2019	Min 1 kN, Max 20 kN (Level 1, 2, 3)
Chemical Testing				
2.1	Rubber and Rubber Products	Permeation by potential Hazardous Liquid chemicals	EN ISO 374-1:2016+A1:2018 & EN 16523-1:2015+A1:2018	10 min – 500 Min (level 1 to Level 6)
2.2	(PPE, Gloves and Sleeves) Textiles and Related products (PPE, Gloves and Sleeves)	Determination of resistance to degradation by chemicals	EN ISO 374-4:2019	Percentage difference. Range: Min 5N to Max 500N

Director / CEO

Sri Lanka Accreditation Board for Conformity Assessment