



Valid from 16 December 2016
to 15 December 2019
Issued on 15 March 2017

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



Schedule of Accreditation

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

Accreditation Number: TL 029-01

Physical Testing Laboratory
Dipped Products PLC
Brahmanagama
Pannipitiya

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 following tests (Please see page 02 & 03 for details)

Sl No	Product(s) / Material of test	Specific tests performed	Test Method / Standard against which tests are performed	Range of testing/ Limits of detection
Chemical Testing				
01	Rubber Products (Protective gloves against chemicals and microorganisms)	Resistance to permeation by Chemical	EN 16523 – Part 1 :2015 (Open Loop)	Range (R) 0.1µg- 2 µg
				Limit of Detection (L) 01 µg
			EN 16523 – Part 1 :2015 (Close Loop)	R -0.1 µg - 2 µg
				L- 0.1 µg
02	Rubber Products (Standard Test method for Permeation of Liquids and gases through Protective clothing materials under condition of Continues Contact)	Resistance to permeation by Chemical	ASTM – F739-: 2012 (Open Loop)	R- 0.1 µg - 2 µg
				L - 0.1 µg
			ASTM – F739- : 2012 (Close Loop)	R - 0.1 µg–2 µg
				L - 0.1 µg
03	Rubber Products (Standards Test Method for Analysis of Aqueous Extractable Protein in Natural Rubber and its Products Using the Modified Lowery Products)	Analysis of Extractable Protein Content	ASTMD – 5712 : 2015	R - 50µg/g –1000 µg/g
				L- 50µg/g

Sl 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	Rubber Products (Protective gloves against mechanical risks)	Abrasion Resistance	EN 388: 2003 section 6.1	Range (R) 1 - 9500 Cycle
				Limit of Detection (L) - 1 Cycles
		Blade Cut Resistance	EN 388: 2003 section 6.2	R - 1.2 - 11.2 Index
				L - 1
		Blade Cut Resistance	ISO 13997 :1999	R - 13 - 26 N
				L - 1 N
Tear Resistance	EN 388: 2003 section 6.3	R - 1 - 79 N		
		L - 1N		
Puncher Resistance	EN 388: 2003 section 6.4	R - 1 - 160.5 N		
		L - 1N		
02	Standard Test Method for Vulcanized Rubber and Thermoplastics Elastomers Tension	Tensile Strength Measurement	ASTM D 412 – 2015a	R - 1 - 42MPa
				L - 1MPa

Deputy Director (Accreditation)
Sri Lanka Accreditation Board for Conformity Assessment