

Schedule

Issue date: 18 March 2025
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LABORATORY LOCATION/ CENTRAL OFFICE:	Global Testing and Consultancy for Rubber (G-TACR), Lembaga Getah Malaysia (LGM) Lembaga Getah Malaysia 47000 Sungai Buloh, Selangor. , 47000, SELANGOR MALAYSIA
	
ACCREDITED SINCE :	18 MARCH 2025
FIELD(S) OF TESTING:	MECHANICAL

This laboratory has demonstrated its technical competence to operate in accordance with MS ISO/IEC 17025:2017 (ISO/IEC 17025:2017).

This laboratory's fulfillment of the requirements of ISO/IEC 17025 means the laboratory meets both the technical competence requirements and management system requirements that are necessary for it to consistently deliver technically valid test results and calibrations. The management system requirements in ISO/IEC 17025 are written in language relevant to laboratory operations and operate generally in accordance with the principles of ISO 9001 (see Joint ISO-ILAC-IAF Communiqué dated April 2017).

CENTRAL LOCATION:	Global Testing and Consultancy for Rubber (G-TACR), Lembaga Getah Malaysia (LGM) Lembaga Getah Malaysia 47000 Sungai Buloh, Selangor. , 47000, Selangor
FIELD(S) OF TESTING :	MECHANICAL,

SCOPE OF TESTING : MECHANICAL

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
Rubber And Related Products	Abrasion (Test Method)	ISO 4649: 2017 BS ISO 4649: 2017 MS ISO 4649: 2020
	Ageing (Test Method)	ISO 188: 2023 MS ISO 188: 2008 BS ISO 188: 2023 ASTM D573: 04 (2019) JIS K 6257: 2017

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Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	Ageing (Specification – Gloves)	ISO 11193-1: 2020 ISO 10282: 2023 SMG Scheme: 2019 ASTM D3578: 2019 ASTM D5250: 2019 ASTM D6319: 2019 ASTM D3577: 2019 ASTM D4679: 2021 EN 455-2: 2015
	Ageing (Specification – Condom)	ISO 4074: 2015 ASTM D3492: 2016
	Brittleness Temperature (Test Method)	ISO 812: 2017 BS ISO 812: 2017 ASTM D746: 2020 ASTM D2137: 11 (2018) JIS K6261: 2006
	Bursting volume and pressure (Specification – Condom)	ISO 4074: 2015
	Compression stress-strain properties (Test Method)	ISO 7743: 2017 BS ISO 7743: 2017 ASTM D575: 91 (2018)
	Density/SG (Test Method)	ISO 2781: 2018 MS ISO 2781: 2020 BS ISO 2781: 2018
	Effect of Liquids (Test Method)	ISO 1817: 2022 MS ISO 1817: 2022 BS ISO 1817: 2022 ASTM D471: 16 (2021)
	Fatigue (Test Method) -Resistance to flex -Cracking and crack growth	ISO 132: 2017 BS ISO 132: 2017 ASTM D430: 06 (2018)
	Dimension (Test Method)	ISO 23529: 2016 MS ISO 23529: 2020 BS ISO 23529: 2016 ASTM D3767: 03 (2020)
	Dimension (Specification - Condom)	ISO 4074: 2015 ASTM D3492: 2016
	Dimension (Specification - Gloves)	ISO 11193-1: 2020 ISO 10282: 2023 ISO 25518:2021 SMG Scheme: 2019 ASTM D3577: 2019 ASTM D3578: 2019 ASTM D5250: 2019 ASTM D6319: 2019 ASTM D4679: 2021 EN 455-2: 2015

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	Freedom From Holes (Specification - Condom)	ISO 4074: 2015 ASTM D3492: 2016
	Hardness (Test Method)	ISO 48-2: 2018 ISO 48-4: 2018 ISO 48-5: 2018 MS ISO 48-2: 2020 MS ISO 48-4: 2020 MS ISO 48-5: 2020 BS ISO 48-2: 2018 BS ISO 48-4: 2018 BS ISO 48-5: 2018 ASTM D1415-18: 2018 ASTM D2240: 15 (2021) JIS K 6253-3: 2012
	Freedom From Holes (Specification - Gloves)	ISO 11193-1: 2020 ISO 10282: 2023 ISO 25518: 2021 SMG Scheme: 2019 ASTM D3578: 2019 ASTM D3577: 2019 ASTM D5151: 2019 ASTM D5250: 2019 ASTM D6319: 2019 ASTM D4679: 2021 EN 455-1: 2020+A1: 2022
	Preparation of Test Pieces (Test Method)	ISO 23529: 2016 MS ISO 23529: 2020 BS ISO 23529: 2016
	Ozone Resistance (Test Method)	ISO 1431-1: 2022 MS ISO 1431-1: 2022 BS ISO 1431-1: 2022 ASTM D1149: 2018 ASTM D1171: 2018 JIS K 6259-1: 2015
	Ply Adhesion - Rubber-to-metal (Test Method)	ISO 36: 2020 BS ISO 36: 2020 ASTM D413-98 (2017)
	Puncture Resistance (Specification – Gloves)	EN 388: 2018 BS EN 388: 2018
	Package integrity (Specification - Condom)	ISO 4074: 2015
	Resilience Rebound resilience (Test Method)	ISO 4662: 2017 MS ISO 4662: 2019 BS ISO 4662: 2017
	Shear Modulus (Test Method)	ISO 1827: 2022 MS ISO 1827: 2020 BS ISO 1827: 2022 ASTM D4014: 03 (2018)

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	Stiffness – Compression/Shear (Specification -Bridge Bearing)	BS 5400: Sec. 9.2 (1983) Appendix A [Clause 7.2(b)(2)(ii)]
	Tear Strength (Specification – Gloves)	EN 388: 2016+A1: 2018 BS EN 388: 2016+A1: 2018
	Set -Compression set (Test Method)	ISO 815-1: 2019 MS ISO 815-1: 2020 BS ISO 815-1: 2019 ASTM D395: 2018 JIS K 6262: 2006
	Set - Tension set (Test Method)	ISO 2285: 2019 MS ISO 2285: 2007 BS ISO 2285: 2019 ASTM D412: 16 (2021)
	Tensile Properties (Specification Condom)	ISO 4074: 2015 ASTM D3492: 2016
	Tear Strength (Test Method)	ISO 34-1: 2022 MS ISO 34-1: 2022 BS ISO 34-1: 2022 ASTM D624: 00 (2020)
	Tensile Properties (Test Method)	ISO 37: 2017 MS ISO 37: 2015 BS ISO 37: 2017 ASTM D412:16 (2021) JIS K 6251: 2017
	Tensile Properties (Specification – Gloves)	ISO 11193-1: 2020 ISO 10282: 2023 ISO 25518: 2021 SMG Scheme: 2019 ASTM D3577: 2019 ASTM D3578: 2019 ASTM D5250: 2019 ASTM D6319: 2019 ASTM D4679: 2021 EN 455-2: 2015
	Visible defects (Specification – Condom)	ISO 4074: 2015
Tyres	Tyre Marking / Marking /Tire Marking	MS 149: 2018 MS 1394: 2017 UN ECE Regulation No. 30 UN ECE Regulation No. 54 UN ECE Regulation No. 109 FMVSS Standard No. 119 FMVSS Standard No. 139
	Specifications - Dimensions of Tyres / Dimensions of Tyres / Tyre retreaded dimension	MS 149: 2018 MS 1394: 2017 UN ECE Regulation No. 30 UN ECE Regulation No. 54 UN ECE Regulation No. 109

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	Bead Unseating / Tubeless Tire Bead Unseating Resistance	MS 149: 2018 FMVSS Standard No. 139
	Strength / Tire Strength	MS 149: 2018 MS 1394: 2017 FMVSS Standard No. 119 FMVSS Standard No. 139
	High Speed Performance / Load/ Speed Performance	MS 149: 2018 MS 1394: 2017 UN ECE Regulation No. 30 FMVSS Standard No. 119 FMVSS Standard No. 139
	Endurance / Load/Speed Endurance Test / Tire Endurance	MS 1394: 2017 UN ECE Regulation No. 54 UN ECE Regulation No. 109 FMVSS Standard No. 119 FMVSS Standard No. 139
	Endurance and Low Inflation Pressure Performance / Low Inflation Pressure Performance	MS149: 2018 FMVSS Standard No. 139
	Treadwear Indicator (TWI)	MS 149: 2018 MS 1394: 2017 UN ECE Regulation No. 30 FMVSS Standard No. 119 FMVSS Standard No. 139
	Tyre Marking / Marking /Tire Marking	MS 149: 2018 MS 1394: 2017 UN ECE Regulation No. 30 UN ECE Regulation No. 54 UN ECE Regulation No. 75 UN ECE Regulation No. 109
	Specifications - Dimensions of Tyres / Dimensions of Tyres / Tyre retreaded dimension	MS 149: 2018 MS 1394: 2017 UN ECE Regulation No. 30 UN ECE Regulation No. 54 UN ECE Regulation No. 75 UN ECE Regulation No. 109
	Strength / Tire Strength	MS 1394: 2017
	High Speed Performance / Load/ Speed Performance	MS 149: 2018 MS 1394: 2017 UN ECE Regulation No. 30 UN ECE Regulation No. 75
	Endurance / Load/Speed Endurance Test / Tire Endurance	MS 1394: 2017 UN ECE Regulation No. 54 UN ECE Regulation No. 109

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	Endurance and Low Inflation Pressure Performance / Low Inflation Pressure Performance	MS149: 2018
	Treadwear Indicator (TWI)	MS 149: 2018 MS 1394: 2017 UN ECE Regulation No. 30 UN ECE Regulation No. 75

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SITE LOCATION (HQ)	1. Global Testing and Consultancy for Rubber (G-TACR), Lembaga Getah Malaysia (LGM) Lembaga Getah Malaysia 47000 Sungai Buloh, Selangor.,MALAYSIA
FIELD(S) OF CALIBRATION :	MASS AND FORCE,TEMPERATURE

SCOPE OF CALIBRATION : MASS AND FORCE

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques	Remarks
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SCOPE OF CALIBRATION : TEMPERATURE

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques	Remarks
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