Schedule

Issue date: 26 March 2025
Valid Until: -

NO: SAMM 276

LABORATORY LOCATION/ CENTRAL OFFICE:	Ansell Technical Laboratory, Ansell Industrial & Specialty Gloves Malaysia Sdn Bhd 1A & 1B, Lorong Perusahaan 1 Kulim Industrial Estate 09000 Kulim, Kedah , 9000, KEDAH MALAYSIA
ACCREDITED SINCE :	26 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).

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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**
Protective Gloves	Dimension: Thickness 0 – 5mm	ASTM D120, Clause 17.1 ASTM D1051, Clause 17.1 EN 60903, Clause 8.2.3
	Size 190 – 320mm	ASTM D120, Clause 17.2
	Sizing 1 - 1000mm	EN ISO 21420, Clause 5.1/6.1
	Length 0 -480mm	ASTM D120, Clause 17.3 EN 60903, Clause 8.2.2
	Dexterity Pin diameter 5 – 11mm	EN ISO 21420, Clause 5.2/6.2

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	Tensile Strength Tensile Set at 400% Ultimate Elongation Tensile Stress at 200% Elongation	ASTM D120, Clause 19.2.2 ASTM D1051, Clause 19.2.2 In-house Method, WI-17109 Based on ASTM D412 Test Method A
	Tensile Stress at 200% Elongation at Break Tension Set at 400%	In-house Method Based on EN 60903, Clause 8.3.1 BS ISO 37 EN 60903, Clause 8.3.3
	Tensile Stress-strain properties: Force at Break (0 – 500N) Elongation at break (0 – 1000%) Modulus/Tensile Stress at Given Elongation Tensile strength	BS ISO 37
	Ageing Test: Accelerated Ageing Test 168 ± 2 hours @ 70 ± 1°C	EN 12280-1, Clause 3 EN 60903, Clause 5.4/8.5
	Accelerated Ageing Test/Deterioration in air oven 168 ± 2 hours @ 70 ± 1°C	ASTM D120, Clause 19.2.6 ASTM D1051, Clause 19.2.5 ASTM D573
	Tear Resistance: Angle Tear	ASTM D120, Clause 19.2.3 ASTM D1051, Clause 19.2.3 ASTM D624
	Tear Resistance: Trouser Tear: 0 – 100N	EN 388, Clause 6.4 EN 60903, Clause 9.3
	Puncture Resistance 0 - 200N	EN 388, Clause 6.5
	Puncture Resistance (kN/m)	ASTM D120, Clause 19.2.4 ASTM D1051, Clause 19.2.4 EN 60903, Clause 8.3.2
	Abrasion Resistance 1 – 8001 cycles	EN 388, Clause 6.1
	Blade Cut Resistance 0.1 – 60.0 (index)	EN 388, Clause 6.2
	Determination of Resistance to Penetration - Air Leak Test - Water Leak Test	EN 374-2 Clause 7.2 Clause 7.3
	TDM Cut Resistance 0 – 50N	EN ISO 13997 EN 388, Clause 6.3
	pH (non-leather gloves) pH 3.5 – 9.5	EN ISO 21420, Clause 4.2 (c) EN ISO 3071

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Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	Determination of Resistance to Permeation by Chemicals - 40% w/w sodium hydroxide - 96% w/w sulphuric acid	EN 16523-1(E)
	Determination of Resistance to Permeation by Chemicals - Methanol - Acetone - N-Heptane	EN 16523-1(E)