Schedule of Accreditation

issued by

United Kingdom Accreditation Service

2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

1756

Accredited to ISO/IEC 17025:2017

Technical Materials Laboratory Ltd

Issue No: 041 **Issue date:** 04 April 2025

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Testing performed at the above address only

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
	Chemical Permeation Testing	
Chemical Protective Clothing and Equipment	Chemicals in liquid, gaseous and solution forms	ISO 6529:2013 BS EN ISO 6529:2001 In house method based on ASTM F739-20 ASTM F739-12e1(withdrawn) BS EN 374-3:2003 (withdrawn) BS EN 16523-1:2015 +A1:2018 BS EN 16523-2:2015 +A1:2018 Using Fourier Transform Infrared Spectroscopy (FTIR), Ion Selective electrode (ISE) or pH measurement
Chemical Protective Gloves and Boots	Hydrofluoric acid	Using Ion Selective electrode (ISE)
	Mixtures of chemicals	Using pH measurement
Protective gloves	Determination of resistance to degradation by chemicals	BS EN 374-4:2013 (withdrawn) EN ISO 374-4:2019
	Terminology and performance requirements for chemical risks	BS EN ISO 374-1:2016 +A12018 BS EN ISO 374:2003 (withdrawn)
Footwear protecting against chemicals	Requirements for prolonged contact with chemicals	EN 13832-3:2018

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Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
Textiles/Fabrics/Woven/Non Woven/Packaging/Leather/ Furniture/Upholstery/Chemical Protective Clothing	<u>Physical Testing</u>	
	Flex Cracking	BS EN ISO 7854:1997 Method B only
	Tensile Properties (Strip Method)	BS EN ISO 13934-1:2013 Excluding wet testing
	Tear Resistance	BS EN ISO 9073-4:1997 (withdrawn) EN ISO 9073-4:2021
	Abrasion Resistance	BS EN 530:2010 EN ISO 12947-2:2016
	Seam Tensile Properties (Grab Method)	BS EN ISO 13935-2:2014
	Puncture Resistance	BS EN 863:1996
	Test methods and performance classification	BS EN 14325:2004 (withdrawn) Excluding clauses: 4.6 - Flex Cracking -30°C 4.8 - Bursting 4.12 - Repellency 4.13 - Penetration by liquids 4.14 - Ignition resistance 4.15 - Flammability 5.4.1 - Liquid penetration resistance EN 14325:2018 + A1:2024 Excluding clauses: 4.2.1 Pre-treatment by cleaning and disinfection 4.2.3 Pre-treatment by flexing 4.6 Flex Cracking -30°C 4.12 - Repellency 4.13 - Penetration by liquids 4.14 - Ignition resistance 4.15 - Flammability 5.2 - Pre-conditioning 5.4.2 - Penetration by liquids 5.6 - Pull strength
END		