


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>UKAS TESTING</p> <p>4112</p> <p>Accredited to ISO/IEC 17025:2017</p>	<p>A W Hainsworth & Sons Ltd</p> <p>Issue No: 021 Issue date: 24 February 2026</p>	
	<p>Spring Valley Mills Stanningley Pudsey West Yorkshire LS28 6DW</p>	<p>Contact: Mrs Charlotte Beever Tel: +44 (0)113 257 0391 Email: charlottebeever@awhainsworth.co.uk Website: www.awhainsworth.co.uk</p>
<p>Testing performed at the above address only</p>		

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
FABRICS	<u>Physical Tests</u>	
	Woven fabrics – Determination of number of threads-per unit length	BS EN 1049-2:1994 Methods A & B IHM EP001:Jan 2007 based on BS EN 1049-2:1994 Method A (withdrawn)
	Woven fabrics – Determination of number of threads per unit length	BS EN ISO 7211-2:2024 Excluding Method C
	Fabrics – Determination of width and length	BS EN 1773:1997 BS ISO 22198:2006
	Woven fabrics – Determination of mass per unit length and mass per unit area	ISO 3801:1977 (method 5 only)
	Fabrics – Determination of mass per unit area using small samples (Conditioned weight only)	BS EN 12127:1998
	Abrasion resistance of fabrics by the Martindale method	BS EN ISO 12947-2:2016 BS EN ISO 12947-2:1998 (withdrawn)
	Upholstery fabrics – Abrasion resistance (breakdown)	BS EN 14465:2003+A1:2006 – Annex A
Abrasion Resistance of Textile Fabrics (Martindale Abrasion Tester Method)	ASTM D4966:2022	
Abrasion resistance of protective clothing material	BS EN 530:1995 (withdrawn) BS EN 530:2010	



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
FABRICS (cont'd)	<p><u>Physical Tests</u> (cont'd)</p> <p>Tensile properties of fabrics. Part 1: Determination of maximum force and elongation at maximum force using the strip method</p> <p>Breaking Strength and Elongation of Textile Fabrics (Grab Test)</p> <p>Tensile properties of fabrics. Part 2: Determination of maximum force using the grab method</p> <p>Tear properties of fabrics – Part 2: Determination of tear force of trouser-shaped test specimens (Single tear method)</p> <p>Tear properties of fabrics – Part 3: Determination of tear force of wing shaped test specimens (Single tear method)</p> <p>Tear properties of fabrics — Part 4: Determination of tear force of tongue-shaped test specimens (Double tear test)</p> <p>Rubber or plastics-coated fabrics – determination of tear resistance. Part 1: Constant rate of tear methods. (A-Tongue & B-Trouser)</p> <p>Tearing Strength of Fabrics by the Tongue (Single Rip) Procedure (Constant-Rate-of-Extension Tensile Testing Machine)</p> <p>Method for Tearing Strength of Fabrics by Falling-Pendulum (Elmendorf-Type) Apparatus</p> <p>Tear properties of fabrics — Part 1: Determination of tear force using ballistic pendulum method (Elmendorf)</p>	<p>BS EN ISO 13934:Part 1:1999 (withdrawn) BS EN ISO 13934:Part 1:2013</p> <p>ASTM D5034:2021</p> <p>BS EN ISO 13934-2:2014</p> <p>BS EN ISO 13937-2:2000</p> <p>BS EN ISO 13937-3:2000</p> <p>BS EN ISO 13937-4:2000</p> <p>BS EN ISO 4674-1:2003 Method B (withdrawn) BS EN ISO 4674-1:2016 Methods A & B</p> <p>ASTM D2261 2013: R2024</p> <p>ASTM D1424: 2021</p> <p>BS EN ISO 13937-1:2000</p>



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FABRICS (cont'd)	<p><u>Physical Tests</u> (cont'd)</p> <p>Method for determination of Skew</p> <p>Method for determination of the propensity of fabrics to snagging. Rotating chamber method</p> <p>Determination of fabric propensity to surface pilling, fuzzing or matting — Part 1: Pilling box method</p> <p>Determination of fabric propensity to surface pilling, fuzzing or matting — Part 2: Modified Martindale method</p> <p>Pilling Resistance and Other Related Surface Changes of Textile Fabrics: Martindale Tester</p> <p>Domestic Washing and Drying Procedures</p> <p>Preparation, Measuring and Marking</p> <p>Determination of dimensional change in washing and drying</p>	<p>IHM EP002:Nov 2007 based on BS 2819: 1990</p> <p>BS 8479:2008</p> <p>BS EN ISO 12945-1:2020</p> <p>BS EN ISO 12945-2:2020</p> <p>ASTM D4970:2022</p> <p>BS EN ISO 6330:2001 (withdrawn) Washing Procedures 1-9A inclusive Drying procedure E only</p> <p>BS EN ISO 6330:2012 (withdrawn) Wash procedures Annex B, Table B.1, Machine type A, (9N, 7N, 6N, 6M, 5N, 5M, 4N, 4M, 4G, 3N, 3M, 3G, 4H). Drying method F (tumble dryers), Annex G.</p> <p>BS EN ISO 6330:2021</p> <p>BS EN ISO 3759:2008 (withdrawn) BS EN ISO 3759:2011</p> <p>BS EN ISO 5077:2008</p>
PROTECTIVE CLOTHING	<p>Protection against liquid chemicals — Test method for resistance of materials to penetration by liquids</p>	<p>BS EN ISO 6530:2005</p>

