

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>UKAS TESTING 1516</p> <p>Accredited to ISO/IEC 17025:2017</p>	<p>ITS Testing Services (UK) Limited (Leigh)</p> <p>Issue No: 065 Issue date: 20 September 2021</p>	
	<p>The Warehouse Brewery Lane Leigh Lancashire WN7 2RJ</p>	<p>Contact: Mr A J White Tel: +44 (0)1942 265700 Fax: +44 (0)1942 670788 E-Mail: andrew.white@intertek.com Website: www.intertek.com</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
YARNS/FABRIC	<u>Chemical</u> Quantitative analysis of fibre mixtures	ISO 1833-2:2020 Methods 2, 3, 4, 5 ISO 1833-11:2017 Regulation (EU) No 1007/2011 of the European Parliament and the Council of 27 th September 2011 EXCLUDING METHODS 9, 12, 14 & 16 AATCC 20 (2018) & 20a (2018)
	Formaldehyde (free)	BS EN ISO 14184-1:2011 M&S C18B - February 2002
	Formaldehyde (released)	BS EN ISO 14184-2:2011 M&S C18C - May 2003
	Japanese formaldehyde	JISL 1041:2011(superceded)
FABRICS/ACCESSORIES/ METALLIC PRODUCTS	<u>Chemical</u> pH determination	BS EN ISO 3071:2020
TOYS	Tension test	BS EN 71-1:2011, Clause 8.4.2.1
	Flammability	BS EN 71-2:2020 BS EN 71-2:2011 +A1:2014
	Wear and corrosion for coated items	BS EN 12472:2005



1516
Accredited to
ISO/IEC 17025:2017

Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

ITS Testing Services (UK) Limited (Leigh)
Issue No: 065 Issue date: 20 September 2021

Testing performed at main address only

TEXTILES/YARNS/FABRICS	<u>Colour fastness by eye or digital imaging to</u>	
	Artificial light - Xenon arc	BS EN ISO 105 B02:1999 (withdrawn) BS EN ISO 105-B02:2014
	Light - Textiles wetted by artificial perspiration	BS EN ISO 105-B07:2009
	Washing	BS EN 20105-C01 - C05:1993 (withdrawn) BS EN ISO 105-C10:2007
	Domestic and commercial laundering	BS EN ISO 105-C06:2010 BS EN ISO 105- C08:2010 BS EN ISO 105-C09:2003 +A1:2007
	Bundesman Shower Test	BS EN 29865 :1993
	Thermal and water vapour resistance (Sweating guarded hot plate)	BS EN ISO 11092 :2014
	Washing	AATCC 61: 2013Tests 1A & 2A only
	Dry cleaning	BS EN ISO 105-D01:2010
	Water	BS EN ISO 105-E01:2013
	Sea water	BS EN ISO 105-E02:2013
	Chlorinated water	BS EN ISO 105-E03:2010
	Perspiration	BS EN ISO 105 E04:2013
	Bleaching: Hypochlorite	BS EN 20105-N01:1995
	Shampooing	BS 1006:1990 (withdrawn)
Organic solvent rub	BS EN ISO 105-D02:2016	
Migration into PVC coatings	BS EN ISO 105-X10:1996	
Rubbing	BS EN ISO 105-X12:2016 M&S C8 - April 2004 Arcadia AG3 - December 2010 AATCC 8:2012	



1516
Accredited to
ISO/IEC 17025:2017

Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

ITS Testing Services (UK) Limited (Leigh)
Issue No: 065 Issue date: 20 September 2021

Testing performed at main address only

<p>TEXTILES/YARNS/FABRICS (cont'd)</p>	<p><u>Colour fastness by eye or digital imaging to</u> (cont'd)</p>	<p>BS EN ISO 105 X11:1996</p>
<p>TEXTILES</p>	<p>Hot pressing</p>	<p>BS EN ISO 105-X18:2007</p>
	<p>Phenolic Yellowing</p>	<p>BS EN ISO 105-G02:1997 + Corr:2009</p>
	<p>Burnt Gas Fumes</p>	<p>M&S C50 - February 2002 BS EN ISO 14419:2010</p>
	<p><u>Chemical resistance</u></p>	<p>BS 8459:2005 (100% wool only)</p>
	<p>Oil repellency rating</p>	<p><u>Physical</u></p>
	<p><u>Solvent Extraction</u></p>	<p>BS EN ISO 20932-1:2020 BS EN 14704-1:2005</p>
<p>FABRICS</p>	<p>Extractable Matter</p>	<p>BS EN 14970:2006</p>
	<p><u>Physical</u></p>	<p>BS EN 14971:2006</p>
	<p>Elasticity of fabrics - strip tests</p>	<p>BS 5441:1988+A1:2019</p>
	<p><u>Physical</u></p>	<p>BS EN 12127:1998 BS EN 1773:1997</p>
	<p>Weft knitted stitch length and yarn density</p>	<p>BS EN 1049:Part 2:1994</p>
	<p>Stitches per Unit length and unit area</p>	<p>ASTM D3775 E1(17)</p>
	<p>Wales and Courses/cm Linear Density</p>	<p>BS EN ISO 13934-1:2013 BS EN ISO 13934-2:1999 (withdrawn) BS EN ISO 13934-2:2014 ASTM D-5034-09(2017) ASTM D-5035-11(2019), except performed at non-standard environmental conditions</p>
	<p>Weight Width</p>	
	<p>Threads/unit length</p>	
	<p>Ends and picks</p>	
	<p>Breaking strength and elongation</p>	



1516
Accredited to
ISO/IEC 17025:2017

Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

ITS Testing Services (UK) Limited (Leigh)
Issue No: 065 Issue date: 20 September 2021

Testing performed at main address only

<p>FABRICS (cont'd)</p>	<p><u>Physical</u> (cont'd)</p> <p>Attachments: Bra wire casing Accessories Poppers Buttons</p> <p>Residual extension</p> <p>Appearance after wash</p> <p>Spirality</p> <p>Specification for fabrics for linings in uniform clothing</p> <p>Elmendorf</p> <p>Tongue Tear</p> <p>Constant rate of tear</p> <p>Trouser Tear</p> <p>Tongue Tear</p> <p>Seam slippage</p> <p>Seam strength</p> <p>Removal of attachments on clothing</p> <p>Hydrostatic head</p> <p>Dimensional change in washing and drying</p> <p>Stability to wash</p>	<p>M&S P11 - September 2001 M&S P11A - April 2006 M&S P115 - December 2007 M&S P115A - December 2007 M&S P122 - September 2001</p> <p>BS 4952:1992 (withdrawn)</p> <p>BS EN ISO 15487:2019</p> <p>ISO 16322:Parts 1 & 2:2005</p> <p>BS 4560:1990 (Appendix B only)</p> <p>BS EN ISO 13937-1:2000 ASTM D1424:2019 ASTM D1424 :2013(withdrawn)</p> <p>ASTM D2261-13(2017)E1</p> <p>BS EN ISO 4674-1:2016 332</p> <p>BS EN ISO 13937-2:2000</p> <p>BS EN ISO 13937-4:2000</p> <p>BS EN ISO 13936-1:2004 BS EN ISO 13936-2:2004 BS EN ISO 13936-3:2007</p> <p>BS EN ISO 13935-1 and 2:2013</p> <p>BS 7907:2007 Annex B</p> <p>BS EN 20811:1992 BS 3424-26:1990 Methods 29A & 29C BS EN ISO 811:2018</p> <p>BS EN ISO 5077:2008</p> <p>AATCC 135:2004 (withdrawn)</p>
-------------------------	---	--



1516
Accredited to
ISO/IEC 17025:2017

Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

ITS Testing Services (UK) Limited (Leigh)
Issue No: 065 Issue date: 20 September 2021

Testing performed at main address only

<p>FABRICS (cont'd)</p>	<p><u>Physical</u> (cont'd)</p> <p>Abrasion resistance</p> <p>Abrasion resistance - socks</p> <p>Pilling - Pill Box</p> <p>Pilling - Modified Martindale</p> <p>Random tumble pilling</p> <p><u>Dimensional change induced by free steam</u></p> <p>Resistance to tearing (wing-rip)</p> <p>Random tumble snagging</p> <p>Mace snagging test</p> <p>Snag Pod</p> <p>Spray rating</p> <p>Water vapour permeability</p> <p>Domestic washing stability</p> <p>Air permeability</p> <p>Dimensional change induced by free steam</p> <p>Bursting strength</p> <p>Thickness</p>	<p>BS EN ISO 12947:1:1998 BS EN ISO 12947-2:1998 (withdrawn) BS EN IOS 12947-2:2016 BS EN ISO 12947-3:1998 BS EN ISO 12947-4:1998 BS EN 530:2010</p> <p>BS EN ISO 13770:2002</p> <p>BS EN ISO 12945-1 :2020 BS EN ISO 12945-1:2001(withdrawn)</p> <p>BS EN ISO 12945-2:2020 BS EN ISO 12945-2:2001(withdrawn)</p> <p>ASTM D3512-16</p> <p>BS 4323:1979</p> <p>BS EN ISO 13937-3:2000</p> <p>M&S P21A - September 2004</p> <p>ASTM D3939/D3939M-1 (2017)</p> <p>BS 8479:2008</p> <p>BS EN ISO 4920:2012 BS 3424-26:1990 Method 29D</p> <p>BS 7209:1990 BS 3424:Part 34:1992</p> <p>BS EN ISO 6330:2001 (withdrawn) BS EN ISO 6330:2012</p> <p>BS EN ISO 9237:1995</p> <p>BS 4323:1979</p> <p>BS EN ISO 13938-2:2019</p> <p>BS EN ISO 5084:1997</p>
-------------------------	---	---



1516
Accredited to
ISO/IEC 17025:2017

Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

ITS Testing Services (UK) Limited (Leigh)
Issue No: 065 Issue date: 20 September 2021

Testing performed at main address only

<p>FURNITURE, FURNISHINGS and Bedding</p>	<p>Ignitability</p>	<p>**BS 5852:Part 1:1979 BS 5852:Part 2:1982 BS 5852:2006 BS EN 1021-1:2006(withdrawn) BS EN 1021-2:2006(withdrawn) BS EN 1021-1:2014 BS EN 1021-2:2014 BS EN ISO 12952-1 2010 BS EN ISO 12952-2 2010 BS EN 14533:2015 BS 7176:2007 +AMD1:2011</p> <p>**For the purpose of the Furniture and Furnishings (Fire) (Safety) Regulations, SI 1324, 1988</p>
<p>FURNITURE and FURNISHINGS</p>	<p>Ignitability</p>	<p>ISO 8191-1:1987 ISO 8191-2:1988 IMO Part 9:2010 IMO Part 8:2010</p> <p>BS 6807:1996 BS 6807:2006 BS 7177:2008 +AMD1:2011</p> <p>HM Prison Service Fire Test Specification 15 BS EN 597-1:1995 (withdrawn) BS EN 597-2:1995 (withdrawn) BS EN 597-1:2015 BS EN 597-2:2015</p>
<p>MARQUEES</p>	<p>Flammability</p>	<p>BS 7837:1996</p>
<p>PILE FABRICS</p>	<p>Surface Flash (ignitability)</p>	<p>BS 4569:1983 M&S P117:May 2003</p>



1516
Accredited to
ISO/IEC 17025:2017

Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

ITS Testing Services (UK) Limited (Leigh)
Issue No: 065 Issue date: 20 September 2021

Testing performed at main address only

SLIDE FASTENERS (ZIPS)	Mechanical tests Puller attachment Closed end test Top stop test Open end fastener box test Reciprocating test Lateral strength test Lateral strength of open end attachment Slider locking test	BS 3084:2006, Test 1 Test 2 Test 3 Test 4 Test 5 Test 6 Test 7 Test 8
SLIDE FASTENERS (ZIPS)	Mechanical tests Puller attachment Closed end test Top stop test Open end fastener box test Reciprocating test Lateral strength test Lateral strength of open end attachment Slider locking test	BS EN 16732:2015 for the following; 5.3 5.4 5.5 5.6 5.7 5.8 5.9 5.10
OVEN GLOVES	Thermal properties Construction properties	BS 6526:1998
TEXTILES	Solar UV protective properties Determination of Infra Red reflectance Colour Measurement/Hi Vis Clothing	BS EN 13758-1:2002 BS EN 13758-2:2003 AS/NZ 4399: 1996 AATCC 183 (2020) BS 4560 :1990 Appendix D MOD method BS EN ISO 20471 :2013+A1 2016 CIE 15.2 :2004
CONTINENTAL QUILTS	Specification for quilts containing fillings other than feather and/or down Determination of thermal resistance for quilts filled with feather and/or down (Tog testing)	BS 5335-1 +A2 2010 BS 5335-2:2006
CHILDRENS SLEEPING BAGS	Thermal Resistance	BS 8510 :2009 (Clause 7.2 only)



1516
Accredited to
ISO/IEC 17025:2017

Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

ITS Testing Services (UK) Limited (Leigh)
Issue No: 065 **Issue date:** 20 September 2021

Testing performed at main address only

TEXTILES	Thermal Resiatance	BS 4745 :2005 ISO 5085-1 :1989
CHLIDRENS PILLOWS	Air Flow	BS 4578 :1970
TEXTILES/FOOTWEAR/LEATHER	Test method for resistance to Penetration by Liquids (aka Gutter Test)	BS EN 368:1993 (withdrawn) BS EN ISO 6530 :2005
BEDDING, UPHOLSTERY & DOMESTIC ARTICLES	Cleanliness of Fillings (except feather and down)	BS 1425 :Part 1 Appendix B :1991 (excluding disintegrating filters)
FOOTWEAR	<u>Physical/Mechanical Testing</u>	
	Colour fastness to Rubbing	BS EN ISO 11640:2018
	Abrasion Resistance	BS EN 13520:2002 Inc Amd No.1
	Flexing	BS EN ISO 7854:1997 BS 3424-9:1996 SATRA TM-25:2020
	Buckle Strength	BS 5131-5.11:1981
	Extension resistance	SATRA TM 102 :2018
	Washability	SATRA TM 158:2016(2018)
	Extension and Fatigue resistance	BS EN ISO 10768:2010 SATRA TM 103:2018
	Elastic Performance-Tensile Tear Strength	BS EN ISO 10765:2010 BS EN ISO 4674-2:1998
	Shear strength	BS EN ISO 22776:2004
	Peel Strength	BS EN ISO 22777:2004
	Ergonomics	BS EN ISO 20344 ::2011 Clause 5.1
	Bond Strength	BS EN ISO 20344::2011 Clause 5.2 SATRA TM 411:2019
	Toe cap Length	BS EN ISO 20344:2011 Clause 5.3
	Impact Resistance	BS EN ISO 20344 :2011 Clause 5.4 BS EN 12568:2010 Excluding Clause 7.2.2



1516
Accredited to
ISO/IEC 17025:2017

Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

ITS Testing Services (UK) Limited (Leigh)
Issue No: 065 Issue date: 20 September 2021

Testing performed at main address only

<p>FOOTWEAR (cont'd)</p>	<p><u>Physical/Mechanical Testing</u> (cont'd)</p> <p>Compression Resistance</p> <p>Penetration (using metallic anti Penetration inserts)</p> <p>Electrical Resistance</p> <p>Slip Resistance</p> <p>Abrasion</p> <p>Heel Attachment</p> <p>Seam Strength</p> <p>Bata Belt</p> <p>Colour Fastness to Rubbing</p> <p>Hardness</p> <p>Heel Fatigue</p> <p>Tear Strength</p> <p>Flexing</p> <p>Strength test (Top piece of Footwear)</p> <p>Strength</p> <p>Impact test</p> <p>Water Vapour Permeability</p>	<p>BS EN ISO 20344:2011 Clause 5.5</p> <p>BS EN ISO 20344:2011 Clause 5.8.2 (Excluding non metallic inserts 5.8.3)</p> <p>BS EN ISO 20344:2011 Clause 5.10</p> <p>BS EN ISO 20344:2011 Clause 5.11 EN 13287:2019 SATRA TM 144:2011</p> <p>BS ISO 4649:2017 SATRA TM 174 :2016</p> <p>BS EN 12785 :2000 SATRA TM 113 :1996</p> <p>SATRA TM 180 :2016 BS 5131-5 :2013</p> <p>SATRA TM 133 :2017</p> <p>SATRA TM 8 :2004</p> <p>BS EN ISO 868 :2003</p> <p>SATRA TM21 :2017 BS EN ISO 19956 :2004</p> <p>BS 3424 Pt 5 (7c) 1996</p> <p>BS EN ISO 5402-2 :2015 BS 5131 Sec 2.1:1991</p> <p>SATRA TM108 :1992</p> <p>SATRA TM 149 :1999 SATRA TM 150 :1999</p> <p>SATRA TM 142 :1992</p> <p>BS EN ISO 14268:2012</p>
--------------------------	---	---



1516
Accredited to
ISO/IEC 17025:2017

Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

ITS Testing Services (UK) Limited (Leigh)
Issue No: 065 Issue date: 20 September 2021

Testing performed at main address only

<p>FOOTWEAR (cont'd)</p>	<p><u>Physical/Mechanical Testing</u> (cont'd)</p> <p>Tear</p> <p>Tear Strength</p> <p>Floor Marking</p> <p>Dynamic Water Penetration</p> <p>Corrosion Resistance</p> <p>Thermal Behaviour</p> <p>Burning Behaviour and Radiant Heat</p>	<p>BS EN ISO 3377-2 :2016</p> <p>SATRA TM 65 :2015</p> <p>SATRA TM 223 :2000</p> <p>SATRA TM 230 :2017</p> <p>SATRA TM 310 :2020(Method 2) SATRA TM 310 :1992 (Method 2) (Withdrawn) BS EN ISO 22775 :2004 (Method 2)</p> <p>BS 7971-5:2004 Annex B</p> <p>BS 7971-5:2016</p>
<p>PROTECTIVE GLOVES</p>	<p><u>Physical/Mechanical Testing</u></p> <p>Sizing</p> <p>Dexterity</p> <p>Water Vapour Transmission</p> <p>Water Vapour Absorption</p> <p>Abrasion</p> <p>Blade Cut Resistance</p>	<p>BS EN ISO 21420:2020 Clause 6.1 BS EN420:2003 +Amd.1:2009, Clause 6.1</p> <p>BS EN ISO 21420:2020 Clause 6.2 BS EN 420:2003 +Amd.1:2009, Clause 6.2</p> <p>BS EN ISO 21420:2020 Clause 6.3 BS EN 420:2003 +Amd 1:2009 Clause 6.3</p> <p>BS EN ISO 21420:2020 Clause 6.4 BS EN 420:2003 +Amd.1:2009, Clause 6.4</p> <p>BS EN 388:2003 Clause 6.1 (withdrawn) BS EN 388 2016+A1:2018 Clause 6.1</p> <p>BS EN 388:2003 Clause 6.2 (withdrawn) BS EN 388:2016+A1:2018 Clause 6.2</p>



1516
Accredited to
ISO/IEC 17025:2017

Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

ITS Testing Services (UK) Limited (Leigh)
Issue No: 065 Issue date: 20 September 2021

Testing performed at main address only

<p>PROTECTIVE GLOVES (cont'd)</p>	<p><u>Physical/Mechanical Testing</u> (cont'd)</p> <p>Cut Resistance Method</p> <p>Tear</p> <p>Puncture Resistance</p> <p>Burning Behaviour</p> <p>Thermal Resistance</p> <p>Tear Resistance</p>	<p>BS EN 388:2016+A1:2018 Clause 6.4 (EN ISO 13997)</p> <p>BS EN 388:2003 Clause 6.3 (withdrawn) BS EN 388:2016+A1:2018 Clause 6.4</p> <p>BS EN 388:2003 Clause 6.4 (withdrawn) BE EN 388:2016+A1:2018 Clause 6.5</p> <p>BS EN 407:2020 Clause 6.2 BS EN 407:2004 BS EN 407:1994 Clause 6.3, (Withdrawn)</p> <p>BS 7971-6:2016 Clauses 5.1, 5.2, 5.3, 5.4</p> <p>BS7971-6:2003 Clause 4.8</p> <p>BS EN 407:2020 Clauses 6.3, 6.4, 6.5 BS EN 407:2004 Clauses 6.4, 6.5, 6.6 BS EN 407:1994 Clauses 6.4, 6.5, 6.6 (withdrawn)</p> <p>BS EN 407:2020 Clauses 6.8</p>
<p>Protective Gloves for Welders</p>	<p>Thermal Resistance</p>	<p>BS EN 12477:2001+A1:2005 Clauses 5.5, 5.6, 5.7</p>
<p>LEATHER</p> <p>PERSONAL PROTECTIVE EQUIPMENT</p>	<p><u>Physical/Mechanical Testing</u></p> <p>Flexing</p> <p><u>Physical/Mechanical Testing</u></p> <p>Protective Clothing - Motorcyclist</p> <p>Protective Clothing -Equestrian clothing</p>	<p>BS EN ISO 5402-1:2017</p> <p>BS EN 1621-1:2012 BS EN 1621-2:2014 excluding innocuousness on Leather</p> <p>BS EN 13158:2009 (withdrawn) BS EN 13158:2018</p>



1516
Accredited to
ISO/IEC 17025:2017

Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

ITS Testing Services (UK) Limited (Leigh)
Issue No: 065 **Issue date:** 20 September 2021

Testing performed at main address only

PERSONAL PROTECTIVE EQUIPMENT (cont.)	Protective clothing for firefighters Limited Flame Spread Contact Heat Heat Transfer-Flame Heat Transfer-Radiation Residual Tensile Strength	BS 469:2020 Clause 6.2.1.1 Clause 6.2.1.2 Clause 6.2.1.3 Clause 6.2.1.4 Clause 6.2.1.5
	Cutting Resistance	BS EN ISO 13997:1999 ASTM F2992/F2922M:15
	Protective clothing - Convective heat	BS EN 367:1992, ISO 9151:1995 (Withdrawn) ISO 9151:2016
	Heat transfer (contact heat)	BS EN ISO 12127-1:2015
	Protective clothing – Radiant heat	BS EN ISO 6942:2002
	Tensile Breaking Load	BS EN ISO 1421:2016
	Test Methods for Footwear	BS EN ISO 20344:2011 Excluding Clauses 5.16 & 5.17
COATED FABRICS	<u>Physical Testing</u>	
	Thickness	BS EN ISO 2286-3: 2016
	Accelerated ageing - Environmental ageing	BS EN 12280-3:2002

Where BS EN standards have exact equivalents in EN Standards, these are also included in the accreditation.

END