Schedule of Accreditation

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ITS Testing Services (UK) Limited (Leigh)

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The Warehouse
Brewery Lane
Leigh
Lancashire
WN7 2RJ

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

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
TEXTILES	Chemical Testing	
	Quantitative analysis of fibre mixtures	ISO 1833 -1 : 2020 Textiles - Quantitative chemical analysis: Part 1 General principles And the following parts of ISO 1833 ISO 1833-3: 2019 ISO 1833-4: 2017 ISO 1833-6: 2019 ISO 1833-7: 2017 ISO 1833-10: 2019 ISO 1833-11: 2017 ISO 1833-12: 2019 ISO 1833-16: 2019 ISO 1833-18: 2019 ISO 1833-21: 2019 European Regulation 1007/2011 on textile fibre names and related labelling and marking of the fibre composition of textile products Methods 1,2,3,4,6,7,8,11,13 and 15 AATCC 20/20A: 2021 Test method for fiber analysis. Parts: 1,4,5,6,7,10,12
	Formaldehyde (free)	BS EN ISO 14184-1:2011
	Formaldehyde (released)	BS EN ISO 14184-2:2011
	Japanese formaldehyde	JISL 1041:2011(superseded)
	pH determination	BS EN ISO 3071:2020

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
TEXTILES (cont'd)	<u>Chemical Testing</u>	
	Oil repelency rating	BS EN ISO 14419:2025
BEDDING, UPHOLSTERY & DOMESTIC ARTICLES	Cleanliness of Fillings (except feather and down)	BS 1425 :Part 1 Appendix B :1991 (excluding disintegrating filters)
TEXTILES/YARNS/ FABRICS	<u>Colour fastness by eye or digital imaging to</u>	
	Artificial light - Xenon arc	BS EN ISO 105-B02:2014
	Light - Textiles wetted by artificial perspiration	BS EN ISO 105-B07:2009
	Washing	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
	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
	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 – February 2009 AATCC 8:2016
	Hot pressing	BS EN ISO 105 X11:1996
	Phenolic Yellowing	BS EN ISO 105-X18:2007

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
TEXTILES & GARMENTS	<u>Constructional Analysis</u>	
	Weight	BS EN 12127:1998
	Width	BS EN 1773:1997
	Threads/unit length	BS EN 1049:Part 2:1994 (withdrawn)
	Thickness	BS EN ISO 5084:1997
GARMENTS, ACCESSORIES AND ATTACHMENTS	<u>Physical Testing</u>	
	Attachments:	M&S P11 - September 2001
	Accessories	M&S P115 – March 2017
	Security of attachments on clothing	BS EN 17394-2:2020 PD CEN TS 17394-3:2021 2021 PD CEN TS 17394-4:2021 PD CEN/TR 16792:2014 Annex B BS 7907:2007 Annex B (withdrawn)
	Button Tensile Strength	PD CEN/TR 16792:2014 Annex F
SLIDE FASTENERS (ZIPS)	<u>Physical Testing</u>	BS EN 16732:2015 for the following;
	Puller attachment	5.3
	Closed end test	5.4
	Top stop test	5.5
	Open end fastener box test	5.6
	Reciprocating test	5.7
	Lateral strength test	5.8
	Lateral strength of open end attachment	5.9
	Slider locking test	5.10

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
TEXTILES & GARMENTS	<u>Dimensional Stability</u>	
	Dimensional change in washing and drying	BS EN ISO 5077:2008
	Domestic washing stability	BS EN ISO 6330:2021 BS EN ISO 6330:2012 (withdrawn)
	Dimensional change induced by free steam	BS 4323:1979
	Spirality	ISO 16322:Parts 1 & 2:2005
	Dimensional stability to Heat	BS 4560:1990 (Appendix B)
TEXTILES & GARMENTS	<u>Physical Testing</u>	
	Breaking strength and elongation	BS EN ISO 13934-1:2013 BS EN ISO 13934-2:2014 ASTM D-5034-09(2017) ASTM D-5035-11(2019), except performed at non-standard environmental conditions
	Elasticity of fabrics - strip tests	BS EN ISO 20932-1:2020 + A1 2021 BS EN 14704-1:2005 (withdrawn)
	Elmendorf	BS EN ISO 13937-1:2000
	Tongue Tear	ASTM D2261-13(2017)E1
	Constant rate of tear	BS EN ISO 4674-1:2016
	Trouser Tear	BS EN ISO 13937-2:2000
	Resistance to tearing (wing-rip)	BS EN ISO 13937-3:2000
	Tongue Tear	BS EN ISO 13937-4:2000
	Bursting strength	BS EN ISO 13938-2:2019
	Seam slippage	BS EN ISO 13936-1:2004 BS EN ISO 13936-2:2004 BS EN ISO 13936-3:2007

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
TEXTILES & GARMENTS (cont'd)	Physical Testing (cont'd)	
	Seam strength	BS EN ISO 13935-1:2014 BS EN ISO 13935-2:2014
	Abrasion resistance	BS EN ISO 12947:1:1998 BS EN ISO 12947-2:2016 BS EN ISO 12947-3:1998 BS EN ISO 12947-4:1998 BS EN 530:2010
	Abrasion resistance - socks	BS EN ISO 13770:2002
	Pilling - Pill Box	BS EN ISO 12945-1 :2020
	Pilling - Modified Martindale	BS EN ISO 12945-2:2020
	Random tumble pilling	ASTM D3512-22
	Mace snagging test	ASTM D3939/D3939M-13 (2017)
	Snag Pod	BS 8479:2008
	Spray rating	BS EN ISO 4920:2012 BS 3424-26:1990 Method 29D
	Water vapour permeability	BS 7209:1990 BS 3424:Part 34:1992
	Air permeability *(Under test conditions of 20°C±2°C & 65% RH±4%)*	BS EN ISO 9237:1995 ASTM D737-18
	Hydrostatic head	BS EN 20811:1992 BS 3424-26:1990 Methods 29A & 29C BS EN ISO 811:2018
	Bundsesman Shower Test	BS EN 29865 :1993
	Thermal and water vapour resistance (Sweating guarded hot plate)	BS EN ISO 11092 :2014 (withdrawn)

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
FABRICS	Fire Tests	
	Flammability	BS 5438:1976# BS 5438:1989 (withdrawn) IS 148(1988) BS EN ISO 6940:1995 + 2004 BS EN ISO 6941:1995 + 2004 BS EN 1103:2006 BS EN 1103:1996 (withdrawn) #For the purposes of the Nightwear (Safety) Regulations, SI 2043, 1985
Used in sleepwear and dressing gowns		BS 5722:1984
Used in children's nightwear		EN 14878:2007
Used in wadded garments		M&S P142:Mar 2006
For curtains and drapes		BS EN 1101:1996 BS EN 1102 (2016) BS 5867:Part 2:2008 IMO Part 7:2010
For protection against heat and flame		BS EN 531:1995, cl 6.2 (withdrawn) BS EN 532:1995(withdrawn) BS EN 533:1997(withdrawn) BS EN ISO 15025:2016 BS EN 469:2005 Section 6:1
For bedcovers and pillows		BS 7175:1989
For blankets		BS 5866:Part 1:1990 BS 5866:Part 2-4:1991
For clothing/carpets & rugs	Flame spread	16 CFR Parts 1610, 1630 & 1631 ASTM D1230:2010 CAN_CGSB-4.2 No 27.5-2008 (withdrawn) CAN_CGSB-4.2 No 27.5-2023
	Surface flash	IHTM 005, Iss 3, 15 June 2005

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
FABRICS (cont'd)	Fire Tests (cont'd)	
For clothing	Cleaning prior to flammability testing	**#BS 5651:1978 BS 5651:1989 (withdrawn) BS EN ISO 10528:1995 **For the purpose of the Furniture and Furnishings (Fire) (Safety) Regulations, SI 1324, 1988 #For the purposes of the Nightwear (Safety) Regulations, SI 2043, 1985
Interior materials for automotive use	Flammability	FMVSS 302:2020
TEXTILES/FLOOR COVERINGS (INCLUDING CARPETS)	Hot nut test	BS 4790:1987(2003)
	Methenamine tablet	BS 6307:1982 ISO 6925:1982
SPORTS MATS	Flammability	BS 7188 1998:A2:2009 Cl 7 BS 1892-3:2003
INDUSTRIAL TEXTILES	Ignitability	BS EN 1624:1999 BS EN 1625:1999
FURNITURE, FURNISHINGS and Bedding	Ignitability	BS 5852:Part 1:1979** BS 5852:Part 2:1982 BS 5852:2006 I.S. 254 :1983 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 **For the purpose of the Furniture and Furnishings (Fire) (Safety) Regulations, SI 1324, 1988

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
UPHOLSTERY AND BEDDING	Fire Test	S.I. No. 316/1995 Industrial Research and standards (fire Safety)(Domestic Furniture) Order 1995
POLYURETHANE FOAM IN SLAB OR CUSHION FORM	Ignitability tests	I.S. 419:2011 Annex A
POLYURETHANE FOAM IN CRUMB FORM	Ignitability tests	I.S. 419:2011 Annex B
LATEX FOAM	Ignitability tests	I.S. 419:2011 Annex C
NON-FOAM FILLING MATERIALS, SINGLY	Ignitability tests	I.S. 419:2011 Annex D
COMPOSITE FILLINGS FOR FURNITURE OTHER THAN MATTRESSES, BED BASES, CUSHIONS and PILLOWS	Ignitability tests	I.S. 419:2011 Annex E
PILLOWS and CUSHIONS WITH PRIMARY COVERS	Ignitability tests	I.S. 419:2011 Annex F
COMPOSITE FILLINGS of MATTRESSES and BED BASES	Ignitability tests	I.S. 419:2011 Annex G
INNER COVER (INTERLINER)	Ignitability tests	I.S. 419:2011 Annex H
UPHOLSTERED FURNITURE	Cigarette test	I.S. 419:2011 Annex I
FURNITURE COVERING FABRIC	Match Test	I.S. 419:2011 Annex J
STRETCH COVERING FABRIC for FURNITURE	Match Test	I.S. 419:2011 Annex K

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
FURNITURE and FURNISHINGS	Ignitability	ISO 8191-1:1987 ISO 8191-2:1988 IMO Part 9:2010 IMO Part 8:2010 BS 6807:1986 BS 6807:2006 BS 7177:2008 +AMD1:2011 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
MARQUEES	Flammability	BS 7837:1996
PILE FABRICS	Surface Flash (ignitability)	BS 4569:1983 M&S P117:May 2003
TEXTILES	<u>Optical Testing</u> Solar UV protective properties Determination of Infra Red reflectance Colour Measurement/Hi Vis Clothing	 BS EN 13758-1:2002 BS EN 13758-2:2003 BS 4560 :1990 Appendix D MOD method- IHTM IRR Iss. 1 BS EN ISO 20471 :2013+A1 2016 CIE 15.2 :2004
CONTINENTAL QUILTS	<u>Physical Testing</u> 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 5335-1:1992 +A2 2010 BS 5335-2:2006

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
CHILDRENS SLEEPING BAGS	Physical Testing Thermal Resistance	 BS 8510 :2009 (Clause 7.2 only) (withdrawn)
TEXTILES	Physical Testing Thermal Resistance	 BS 4745 :2005 ISO 5085-1 :1989
CHILDRENS PILLOWS	Physical Testing Air Flow	 BS 4578 :1970
TEXTILES/FOOTWEAR/ LEATHER	Physical Testing Test method for resistance to Penetration by Liquids (aka Gutter Test)	 BS EN ISO 6530 :2005
TOYS	Physical Testing Tension test Fire Test Flammability	 BS EN 71-1:2026, Clause 8.4.2.1 BS EN 71-1:2014 +A1 :2018, Clause 8.4.2.1 BS EN 71-2:2020
FOOTWEAR	Physical Testing Colour fastness to Rubbing Abrasion Resistance Flexing Buckle Strength	 BS EN ISO 11640:2018 BS EN 13520:2002 Inc Amd No.1 BS EN ISO 7854:1997 BS 3424-9:1996 SATRA TM-25:2020 BS 5131-5.11:1981

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
FOOTWEAR (cont'd)	Physical Testing (cont'd)	
	Shear strength	BS EN ISO 22776:2004
	Peel Strength	BS EN ISO 22777:2004
	Ergonomics	BS EN ISO 20344::2011 Clause 5.1 (withdrawn)
	Bond Strength	BS EN ISO 20344::2011 Clause 5.2 (withdrawn) SATRA TM 411:2019
	Toe cap Length	BS EN ISO 20344:2011 Clause 5.3 (withdrawn)
	Impact Resistance	BS EN ISO 20344 :2011 Clause 5.4 (withdrawn) BS EN 12568:2010 Excluding Clause 7.2.2
	Compression Resistance	BS EN ISO 20344:2011 Clause 5.5 (withdrawn)
	Penetration (using metallic anti Penetration inserts)	BS EN ISO 20344:2011 Clause 5.8.2 (Excluding non-metallic inserts 5.8.3)
	Electrical Resistance	BS EN ISO 20344:2011 Clause 5.10 (withdrawn)
	Slip Resistance	BS EN ISO 20344:2011 Clause 5.11 (withdrawn) EN 13287:2019 SATRA TM 144:2021
	Thermal Behaviour	BS 7971-5:2004 Annex B (withdrawn)
	Burning Behaviour and Radiant Heat	BS 7971-5:2016
	Abrasion	BS ISO 4649:2024 BS ISO 4649:2017 (withdrawn)
	Heel Attachment	BS EN 12785 :2000 SATRA TM 113 July 2022 SATRA TM 113 December 1996

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
FOOTWEAR (cont'd)	Physical Testing (cont'd)	
	Seam Strength	BS 5131-5.13 :1980 (withdrawn)
	Bata Belt	SATRA TM 133 :2017
	Hardness	BS EN ISO 868 :2003
	Heel Fatigue	SATRA TM21 :2017
	Tear Strength	BS 3424 Pt 5 (7c) 1996
	Flexing	BS EN ISO 5402-2 :2015 BS 5131 Sec 2.1:1991
	Water Vapour Permeability	BS EN ISO 14268:2023 BS EN ISO 14268:2012 (withdrawn)
	Tear	BS EN ISO 3377-2 :2016
	Dynamic Water Penetration	SATRA TM 230 :2017
LEATHER	Physical Testing	
	Flexing	BS EN ISO 5402-1:2022 BS EN ISO 5402-1:2017 (withdrawn)
	Single edge tear Resistance	BS EN ISO 3377-1:2011
COATED FABRICS	Physical Testing	
	Accelerated ageing - Environmental ageing	BS EN 12280-3:2002
PROTECTIVE GLOVES	Physical Testing	
	Sizing	BS EN ISO 21420:2020 Clause 6.1 BS EN420:2003 +Amd.1:2009, Clause 6.1 (withdrawn)

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
PROTECTIVE GLOVES (cont'd)	<u>Physical Testing (cont'd)</u>	
	Dexterity	BS EN ISO 21420:2020 Clause 6.2 BS EN 420:2003 +Amd.1:2009, Clause 6.2 (withdrawn)
	Water Vapour Transmission	BS EN ISO 21420:2020 Clause 6.3 BS EN 420:2003 +Amd 1:2009, Clause 6.3 (withdrawn)
	Water Vapour Absorption	BS EN ISO 21420:2020 Clause 6.4 BS EN 420:2003 +Amd.1:2009, Clause 6.4 (withdrawn)
	Abrasion	BS EN 388 2016+A1:2018 Clause 6.1
	Blade Cut Resistance	BS EN 388:2016+A1:2018 Clause 6.2
	Cut Resistance Method	BS EN 388:2016+A1:2018 Clause 6.3 (EN ISO 13997)
	Tear	BS EN 388:2016+A1:2018 Clause 6.4
	Puncture Resistance	BS EN 388:2016+A1:2018 Clause 6.5
	Seam Strength	BS EN 13594:2015 Clause 6.7 Annex B
	Burning Behaviour	BS EN 407:2020 Clause 6.2 BS EN 407:2004 (withdrawn) BS EN 407:1994 Clause 6.3, (withdrawn) BS 7971-6:2016 Clauses 5.1, 5.2, 5.3, 5.4 BS7971-6:2003 Clause 4.8 (withdrawn)
	Thermal Resistance	BS EN 407:2020 Clauses 6.3, 6.4, 6
	Tear Resistance	BS EN 407:2020 Clauses 6.8
Protective Gloves for Welders	Thermal Resistance	BS EN 12477:2001+A1:2005 Clauses 5.5, 5.6, 5.7

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
PERSONAL PROTECTIVE EQUIPMENT	Physical Testing (cont'd)	
	Protective Clothing - Motorcyclist	BS EN 1621-1:2012 BS EN 1621-2:2014 excluding innocuousness on Leather
	Materials and material composites: Impact abrasion resistance	BS EN 17092-1:2020 Clause 5.4
	Protective Clothing -Equestrian clothing	BS EN 13158:2018
	Protective clothing for firefighters	BS 469:2020
	Limited Flame Spread Contact Heat Heat Transfer-Flame Heat Transfer-Radiation Residual Tensile Strength	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
	Protective clothing - Convective heat	BS EN 367:1992 (withdrawn) ISO 9151:2016
	Heat transfer (contact heat)	BS EN ISO 12127-1:2015
	Protective clothing – Radiant heat	BS EN ISO 6942:2022 BS EN ISO 6942:2002(withdrawn)
	Tensile Breaking Load	BS EN ISO 1421:2016
	Test Methods for Footwear	BS EN ISO 20344:2011 (withdrawn) Excluding Clauses 5.6, 5.9,5.12,5.16, 5.17 & 6.11

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
CANDLES	Physical Testing (cont'd)	
	Fire Safety	BS EN 15493:2019
	Labelling	BS EN 15494:2019
	Soot Index	BS EN 15426:2018
	Fire Safety	BS EN 17616:2021
	Labelling	BS EN 17617:2021
Where BS EN standards have exact equivalents in EN Standards, these are also included in the accreditation.		
END		