

AWTA PRODUCT TESTING

Independent Materials Testing

Australian Wool Testing Authority Ltd – trading as AWTA Product Testing

ABN 43 006 014 106

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PRODUCT TESTING FEES PRICE LIST

Effective 8 July 2013 to 30 June 2014

Please note that additional tests not noted on this pricelist can be performed.

All prices are quoted in Australian Dollars. Goods and Services Tax (GST) may be applicable.

Lead Times are quoted in working days.

This price list may be amended at any time.

Automotive Testing

Code	Description	Fee
T06	Snagging (Ford)	127.00
T07CL	Lint Retention	101.00
T07D	Pilling- Brush Method	104.00
T07G	Pilling – Crockmeter	109.00
T10	Thickness Testing – Static	70.00
T11A	Tensile Strength- Automotive Textile Fabrics	112.00
T12G	Creasing Laminated Fabrics	122.00
T12H	Stretch Set – Lear	173.00
T13D	Seam Fatigue	214.00
T13F	Flex Fold	214.00
T14	Bursting Force	90.00
T14G	Gravelometer	255.00
T17B	Flammability - Horizontal	292.00
T17BM	Flammability - Horizontal Burn Mitsubishi (including oven ageing)	715.00
T20B	Abrasion Flex	104.00
T20C	Abrasion Flat	104.00
T20F	Taber Abrasion or Snagging	320.00
T20FA	Taber Abrasion - Short Term	166.00
T27C	Fabric Stiffness	POA
T28	Air Permeability	127.00
T35D1	Townsville Exposure	POA
T35Q	QUV - One quarter of a machine / per hour	POA

Code	Description	Fee
T35Q	QUV - Half of a machine / per hour	POA
T35Q	QUV - More than half of a machine / per hour	POA
T35Z	Weathering (price depends on exposure period)	POA
T39B	Static Propensity	87.00
T52A	Crocking	51.00
T58A	Bond Strength - Auto	150.00
T63D	Mildew and Odour	404.00
T63E	Foam Laminate Curl	214.00
T64A	Colourfastness to Water Spotting	65.00
T74	Frictional Coefficient	212.00
T84	Fogging	264.00
T87	Hydrogen Sulphide Staining	148.00
T89A	Oven Ageing - 1 Week	148.00
T89B	Oven Ageing - 2 Weeks	296.00
T89C	Oven Ageing - 4 Weeks	591.00
T89E	Environmental Chamber - Less than 1 week - per day	853.00
T89E	Environmental Chamber - 1 week to < 6 weeks - per day	792.00
T89E	Environmental Chamber - 6 weeks to < 13 weeks - per day	721.00
T89E	Environmental Chamber - 13 weeks or more	669.00
T89Q	Salt Fog - Short term (<1000 hours) - per hour	POA
T89Q	Salt Fog - 1000 hours to 1999 hours - per hour	POA
T89Q	Salt Fog - 2000 hours or more - per hour	POA

Building Products Testing

Code	Description	Fee
T11P	Breaking Force	112.00
T14B	Bursting Force – Ball Burst	112.00
T14P	Burst Strength	218.00
T15P	Edge Tear Resistance	118.00
T18A	Flammability of Materials - AS1530.2	423.00
T18AG	Guidance Test for Flammability of Materials	219.00
T18B	Early Fire Hazard Properties AS 1530.3 per sample (Ignitability, Spread of Flame, Heat Evolved, Smoke Developed)	799.00
T18BG	Guidance Test for Early Fire Hazard - (2 specimens)	333.00
T19BS	Guarded Hot Plate – Building System	549.00
T19DW	Guarded Hot Plate - Wet	690.00
T19S	Guarded Hot Plate – Sampling	125.00
T29ES	Water Vapour Transmission	137.00

Bouyancy Testing

Code	Description	Fee
T11A	Tensile Strength - Straps* (AS 2001.2.3)	112.00
T14B	Bursting Strength (AS 2001.2.19)	112.00
T15A	Tearing Strength (AS 2001.2.10)	107.00
T35B	Colourfastness to Light* (AS 2001.4.21)	104.00
T54	Colourfastness to Seawater* (AS 2001.4.14)	76.00
T82 Series	Zip Fasteners* (AS 2332) (per test type)	104.00
T83A	Buoyancy* (AS 2259 App A)	92.00
T83H	Strength of Fastening Devices* (AS 2259 App H)	66.00

Code	Description	Fee
T45C	Critical Heat Flux	468.00
T45G	Cone Calorimeter - AS/NZS3837	1000.00
T94A	Resistance to Dry Delamination	141.00
T94B	Resistance to Wet Delamination	141.00
T94C	Shrinkage	633.00
T94D	Resistance to Water Penetration	141.00
T94E	Emmitance	293.00
T94F	Water Absorbency	141.00
T94G	Folding Endurance	491.00
T94H	Surface Corrosion and Wet Delamination	648.00
T94R	Reflectance	175.00
T94T	Transmittance	175.00

Code	Description	Fee
T83I	Exposure to Kerosene* (AS 2259 App I)	123.00
T83J	Resistance to Crushing* (AS 2259.3.2)	115.00
T83K	Resistance to Heat* (AS 2259.3.3)	237.00
T90C	Coating Adhesion (AS 1441.5)	197.00
T90D	Flex Cracking (AS 1441.6)	127.00
T90F	Mass Loss on Heat Ageing (AS 1441.8)	106.00
	Resistance to Corrosion*	106.00

* Test applicable to jackets with closed cell foam insulation with some form of covering

Carpet Testing

Code	Description	Fee
T01A	Linear Density of Yarns from Packages	70.00
T02A	Twist – Singles	119.00
T02B	Twist – Folded	89.00
T30	Wool Fibre Diameter, Medullation - Projection Microscope	180.00
T31	Extractable Matter - Pile Yarn	110.00
T32	Surface Pile Mass (pile above substrate) - standard atmosphere	102.00
T33A	Total Thickness	52.00
T33B	Pile Thickness - with surface pile mass	51.00
T33D	Pile Thickness - as separate test	74.00
T34	Tuft Withdrawal Force - each type	93.00
T35A2	Colourfastness to Light - Xenon Arc Method	126.00
T37	Insect Resistance - Bioassay	POA
T37B	Resistance to Insect Attack - Carpet Beetle	264.00
T40A	Tufts per Unit Area	57.00
T40B	Total Mass per Unit Area	73.00
T40C	Backing Analysis - Woven - per yarn type	295.00
T41	Fibre Identification - Pile	136.00
T41 / 2	Pile Fibre Analysis - 2 Fibres	187.00
T41 / 3	Pile Fibre Analysis - 3 Fibres	320.00
T42A	Total Pile Mass - Dissection Method - Wovens & unfinished tufteds	112.00
T42D	Total Pile Mass - Chemical Analysis Method (requires T41 as well)	210.00
T44A	Appearance Retention - WIRA Dynamic Loading (AS Method)	111.00
T44AG	Dynamic Loading (ACCS Method) - WIRA	76.00
T44B	Appearance Retention - Tetrapod Walker Method	202.00
T44D2	Appearance Retention - Hexapod Tumbler Method - at 2,000 and 8,000 cycles - requires T33D as well - Prices for other cycles available on request	142.00
T44E	Pilling & Fuzzing - Usometer	POA
T45A	Methenamine Pill Method	114.00
T50	Colourfastness to Water	59.00
T52B	Colourfastness to Rubbing	51.00
T53	Colourfastness to Dry Cleaning Solvents (Perchloroethylene or White Spirit)	74.00
T55	Colourfastness to Chlorinated Water	99.00
T56	Colourfastness to Shampoo Solution	67.00

Code	Description	Fee
T57	Abrasion Resistance- WIRA Method - 20,000 cycles	102.00
T57X	- additional charge per 10,000 cycles above 20,000	50.00
T58	Bond Strength	112.00
T59A	Dimensional Stability - Mechanical Forces	139.00
T59B	Dimensional Stability - Ambient Humidity	105.00
T59C	Dimensional Stability - Heat & Water	154.00
T59D	Dimensional Stability - Heat	105.00
T59E	Dimensional Stability - Water	103.00
T62A	Static Loading - Short Term (AS Method)	102.00
T62B	Static Loading - Long Term (AS Method)	103.00
T62BG	Static Loading - Long Term (ACCS Method)	76.00
T68	Twist Set - Carpet Yarns	177.00
T68B	Texture Change due to hot water spillage	65.00
T86	Soiling Propensity	167.00
T86A	Staining Propensity	104.00
T86D	Stain Resistance	158.00
Electrostatic Tests		
T39	Electrostatic Propensity Stroll - one sole	384.00
T39B	Surface Resistance – Gigaohm	87.00
T39C	Bulk Resistance- Gigaohm	87.00
Underlay Tests		
T81A	Thickness	46.00
T81B	Mass per Unit Area	76.00
T81J	Breaking Load/Extension at Break	101.00
T81K	Static Loading	76.00
T81L	Dynamic Loading	76.00
T81M	Work of Compression (Incl T81L)	180.00
P040	Fibrous Underlay Package	560.00
P041	Synthetic Underlay Package	575.00
Flammability Tests		
T18B	Early Fire Hazard Properties AS 1530.3 per sample (ignitability, spread of flame, heat evolved, smoke developed)	799.00
T18BG	Guidance Test for Early Fire Hazard - (2 specimens)	333.00
T45A	Methenamine Pill Method	114.00
T45B	Hot Nut Tests for Carpets or Underlay	129.00
T45C	Critical Heat Flux (Sample preparation costs extra - if necessary)	468.00
	Direct Stick	76.00

Code	Description	Fee
T45CC	Critical Heat Flux - including pre clean as per CIAL protocol.	921.00
	Dual Bond	152.00
	Underlay must be provided if applicable	
P007	ACCS Carpet Package – Full	660.00

Ductwork Testing

Code	Description	Fee
T18B	Early Fire Hazard Properties AS 1530.3 per sample (may require two tests depending on duct type)	799.00
T18D	Burning (may require two tests depending on duct type)	458.00
T18E	Mould Growth and Humidity	328.00
T18F	Temperature	316.00
T18G	Puncture	63.00

Fabric Testing

Code	Description	Fee
F17A	Fibre Identification - Qualitative	53.00
F17B	Fibre Identification - Major Fibre	136.00
F17B2	Analysis of Fibres – 2 Fibres	186.00
F17B3	Analysis of Fibres – 3 Fibres	320.00
F17B4	Analysis of Fibres – 4 Fibres	456.00
T01A	Linear Density of Yarns from Packages	70.00
T01B	Linear Density from yarns from Woven Fabrics (warp and weft)	176.00
T01C	Linear Density of Yarns from Knitted Fabrics	176.00
T02A	Twist – Singles	119.00
T02B	Twist – Folded	89.00
T03B	Yarn Breaking Load - Instron Method	136.00
T04	Yarn Unevenness	97.00
T06	Snagging - Mace - Knitted Fabrics	127.00
T06B	Snagging – Taber	135.00
T07A	Pilling Resistance - ICI Pill Box Method	103.00
T07B	Pilling Resistance - Martindale Method	59.00
T07C	Pilling Resistance - Random Tumble Method	107.00
T08A	Mass per Unit Area	68.00
T08B	Fabric Width	45.00
T09	Threads per Unit Length -(both directions)	67.00
T10	Fabric Thickness	70.00

Code	Description	Fee
P003	ACCS Performance Update Package	331.00
Hospital & Healthcare Carpet Program		
A full package of tests is available specifically for evaluation of carpets for healthcare facilities. Please enquire with our technicians for details to suit your requirements.		

Code	Description	Fee
T18H	Static Load	120.00
T18I	Impact	120.00
T18J	Pressure	324.00
T18K	Collapse	324.00
T18L	Tension	120.00

Code	Description	Fee
T11A	Breaking Load - Ravelled Strip (AS or IWS method)	112.00
T11B	Breaking Load – Grab Test	103.00
T11F	Breaking Force - Webbing	112.00
T12B	Stretch and Recovery	162.00
T13A	Yarn Slippage - standard Seam / Constant Load	130.00
T13B	Seam Strength	119.00
T13C	Seam Slippage Resistance	128.00
T13N	Needle Damage	82.00
T14	Bursting Pressure - Mullen - (Knits and non-woven fabrics)	90.00
T14B	Bursting Force Ball	112.00
T15A	Tearing - Wing Rip Method	107.00
T15B	Tearing - Single Rip	118.00
T15C	Tearing - Tongue	118.00
T15D	Tearing - Trapezoidal	118.00
T15E	Tearing - Elmendorf	104.00
T20 Series	Abrasion Test – Stoll	104.00
T20A	Abrasion Test - Martindale Method - up to 30,000 cycles	114.00
T20AX	- additional charge per 20,000 cycles over 30,000	45.00
T20W	Abrasion Test- Wyzenbeek (50,000 cycles)	140.00
T20WX	20,000 additional cycles	58.00

Continued Over...

Code	Description	Fee
T21	Courses and Wales - Knitted Fabric	80.00
T23 Series	Dimensional Change - Relaxation	103.00
T23E	Dimensional Change - Dry Cleaning	260.00
T23EC	Dry Cleaning - Commercial	67.00
T23ED	Dry Cleaning - Commercial - 15 cycles	1449.00
T24A	Dimensional Change- Machine Washability (Wascator, Cubex or Domestic)	93.00
T24X	- each additional stage	15.00
T29A	Water Penetration - Cone	72.00
T29B	Hydrostatic Head	128.00
T29C	Water Repellency - Spray	103.00
T29D	Oil Repellency	100.00
T35A1	Colourfastness to Light - Xenon Arc Method	126.00

Fibre Testing

Code	Description	Fee
F01C	Fibre Diameter - Airflow (Wool Top Sliver)	54.00
F01L	Fibre Diameter - Laserscan (Wool Top Sliver)	27.00
F02	Fibre Diameter - Projection Microscope	180.00
F03	Moisture Regain	67.00
F05	Fibre Length - Single Fibre Length - Scoured Wool	402.00
	Fibre Length - Length after Carding - Scoured Wool	224.00
F06	Fibre Length- Almeter Test - Wool Top Sliver	70.00
F10	Wool Content of Waste Material	146.00
F12	pH of Extract	89.00
F14	Extractable Matter	97.00
F16	Sliver Evenness	98.00
F17A	Fibre Identification – Qualitative	53.00

Code	Description	Fee
T35B	Colourfastness to Light - MBTF Method	104.00
T36	Colourfastness to Washing	68.00
T50	Colourfastness to Water	59.00
T51A	Colourfastness to Perspiration - Acid	58.00
T51B	Colourfastness to Perspiration - Alkaline	58.00
T52A	Colourfastness to Rubbing	51.00
T53	Colourfastness to Dry Cleaning Solvents (Perchloroethylene or White Spirits)	74.00
T54	Colourfastness to Sea Water	76.00
T55	Colourfastness to Chlorinated Water	99.00
T55B	Colourfastness to Chlorine Bleaching	99.00
T56	Colourfastness to Shampoo Solution	67.00
T85C	Phenolic Yellowing	121.00

Code	Description	Fee
F17B	Fibre Analysis- Quantitative	136.00
F17B2	Fibre Analysis- Quantitative - 2 fibres	186.00
F17B3	Fibre Analysis- Quantitative -3 Fibres	320.00
F17B4	Fibre Analysis - Quantitative -4 Fibres	456.00
F18A	Neps in Wool top sliver	74.00
F18AB	Neps and Vegetable Matter in Wool Top	74.00
F18B	Vegetable Matter in Wool top sliver	74.00
F18C	Dark Fibre in Wool Top - IWTO 24 - not suitable for Open Top	74.00
	Dark Fibre in Wool Top - IWTO E13	
F19	Melting Point of fibres	150.00
F20	Fluidity of Cellulosic Fibres	245.00
F23	Wax/Suint Ratio	240.00

Flammability Testing

Code	Description	Fee
Apparel Fabrics		
Children's Nightwear Test for AS 1249		
T16	Garment Evaluation	108.00
T16/J	Label Durability	73.00
T16LA	Label Durability and Assessment	106.00
T17G	Flame Spread Test (Required before and after Laundering)	108.00
T17H	Surface Burn Test - (After Laundering)	102.00
T17I	Laundering	60.00
<i>The tests required will depend on the fabric and garment construction.</i>		
T45E	Thermal Protection Properties/Heat Transfer Index	221.00
Automotive/Public Transport		
T17A	Vertical Flammability Test e.g. FTMS 191-5903, FAR 25.853	156.00
T17B	Horizontal Flammability Test eg: FTMS 191-5906, MVSS 302, Automotive Standards, ISO 3975	292.00
T17C	Ignitability of Upholstered Furniture – Cigarette Test	161.00

Geotextile Testing

Code	Description	Fee
T08AG	Mass per Unit Area of Fabric (AS 3706.1)	99.00
T08B	Width of Fabric (AS 2001.2.12)	45.00
T10	Method of measurement of Textiles Fabrics – Thickness (Method 3) (AS 1587)	70.00
T11AG	Durability - resistance to degradation by light and heat (AS 3706.11)	POA
T11AG	Durability - resistance to degradation by hydrocarbons etc. (AS 3706.12)	POA
T11AG	Durability - resistance to certain microbiological agents (AS 3706.13)	POA
T11BG	Breaking Force and Extension of Textile Fabric (AS 2001.2.3)	138.00
T11E	Tensile Properties - wide strip method (AS 3706.2)	218.00

Code	Description	Fee
Upholstery/Furnishings		
T17C	Cigarette Test for Furniture Fabrics	161.00
T17D	Match Flame Equivalent Test for Upholstery Fabrics	161.00
T17DC	Crib tests (4 - 7) single mock up crib	376.00
T17DD	Crib Test (4 - 7) per 2 complete assembled seats	741.00
T18A	Flammability of Materials - AS1530.2	423.00
T18B	Early Fire Hazard Properties AS 1530.3 per sample (Ignitability, Spread of Flame, Heat Evolved, Smoke Developed)	799.00
Building Materials		
T18A	Flammability of Materials - AS1530.2	423.00
T18AG	Guidance Test for Flammability of Materials	219.00
T18B	Early Fire Hazard Properties AS 1530.3 per sample (Ignitability, Spread of Flame, Heat Evolved, Smoke Developed)	799.00
T18BG	Guidance Test for Early Fire Hazard - (2 specimens)	333.00
T45C	Critical Heat Flux	468.00
T45G	Cone Calorimeter - AS/NZS3837	1000.00

Code	Description	Fee
T13B	Seam Strength (AS 3706.6)	119.00
	Pore Size Distribution - dry sieving method (AS 3706.7)	POA
T14	Bursting Pressure - Hydraulic Diaphragm (Method A) (AS 2001.2.4)	90.00
T14D	Puncture Resistance - drop cone method (AS 3706.5)	152.00
T14P	Burst Strength - CBR plunger method (AS 3706.4)	218.00
T15D	Tearing Strength -trapezoidal method (AS 3706.3)	118.00
T20F	Abrasion Resistance - Taber method (AS 2001.2.28)	320.00
T28C	UV / VIS Transmittance	175.00
T29P	Permittivity (AS 3706.9)	563.00

Hospital Products Testing

Code	Description	Fee
Barrier Fabrics		
T08A	Mass	68.00
T11A	Breaking Force	112.00
T15A	Tearing Force - Wing Rip	107.00
T24S	Pre-treatment for the following tests-Wascator (5 washes)	171.00
T29B	Hydrostatic Head - Requires 5 washes pre treatment	128.00
T29C	Spray Rating - Requires 5 washes pre treatment	103.00
T29EW	Water Vapour Permeability -Requires 5 washes pre treatment	137.00
T74	Surface Friction- Requires 5 washes pre treatment	212.00
Cellular Blankets		
T08A	Mass (AS 3789.10)	68.00
T09	Threads per Unit Length	67.00
T11A	Breaking Force -after Laundering	112.00
T24AW	Dimensional Stability - including 4 extra wash & dry cycles	206.00
T35B	Colourfastness to Light	104.00
T36	Colourfastness to Washing	68.00
T50	Colourfastness to Water	59.00
T51A	Colourfastness to Acid Perspiration	58.00
T51B	Colourfastness to Alkali Perspiration	58.00
T52A	Colourfastness to Rubbing	51.00

Laundry Swatch Testing

Code	Description	Fee
T99A	EMPA #105 Soiled Test Swatch Purchase	61.00
T99B	EMPA 105 - Colour Evaluation	75.00
T99C	EMPA #224 Mechanical / Chemical Damage / Colour test swatch Purchase	83.00

Code	Description	Fee
Theatre Linen		
T07B	Pilling after Cubex Wash	59.00
T08A	Mass	68.00
T09	Threads per unit Length	67.00
T11A	Breaking Force	112.00
T24	Dimensional Stability - Cubex	93.00
T35B	Colourfastness to Light	104.00
T36	Colourfastness to Washing	68.00
T50	Colourfastness to Water	59.00
T51A	Colourfastness to Acid Perspiration	58.00
T51B	Colourfastness to Alkali Perspiration	58.00
T52A	Colourfastness to Rubbing	51.00
Towelling		
F17A	Fibre Identification	53.00
F20	Fluidity	245.00
T08A	Mass	68.00
T09	Threads per unit Length	67.00
T09W	Weave Analysis	POA
T11A	Breaking Force	112.00
T24	Dimensional Stability	93.00

Code	Description	Fee
T99D	Total Damage Evaluation	104.00
T99E	Chemical Damage Evaluation	233.00
T99F	EMPA 224 - Colour Evaluation	75.00
T99G	Ash Content	113.00

Leather Testing for Furnishing Applications

Code	Description	Fee
F12L	pH of Leather	90.00
F27A	Chromic Acid Content (Wet Oxidation) - Leather	POA
F27B	Chromic Acid Content (Alkaline Fusion) - Leather	POA
T11L	Breaking Force - Leather	103.00
T15L	Tear Strength	118.00
T17C	Flammability EN ISO 8191-1 (cigarette)	161.00

Code	Description	Fee
T35A1	Colourfastness to Light	126.00
T52L1	Velsic Rub Fastness EN ISO 11641	77.00
T52L2	Velsic Rub Fastness EN ISO 11640	77.00
T90D	Flex Cracking Resistance	127.00
T90L	Flexing Endurance	197.00

Non-routine tests are charged on an hourly rate of \$142.00 with a minimum charge of one hour.

Rapitest Methods Page 17

Retroreflective Testing

Code	Description	Fee
T26A	CIL at all angles	277.00
T26A1	Retro-reflected Colour	175.00
T26A2	CIL at one angle	175.00
T26B	CIL after UV	372.00
T26C	CIL after washing	300.00

Code	Description	Fee
T26D	CIL after Abrasion	199.00
T26E	CIL after Temperature	300.00
T26F	CIL During Rainfall	305.00
T26G	Retro-reflectance of Horizontal Coatings	293.00
T26R	Calibration of Reflectometer	1142.00

Safety/High Visibility Testing (AS 1906.4)

Code	Description	Fee
Class F and NF Materials (Fluorescent and Non-fluorescent Fabric –Dry use only)		
T28F	2.3, 2.4 Chromaticity & Luminance – Dry Only	138.00
T28FD	2.5.1 Colourfastness after UV Exposure – Dry Only	223.00
T36	2.5.2 Colourfastness to Washing	68.00
T51A	2.5.3 Colourfastness to Perspiration - Acid	58.00
T51B	2.5.3 Colourfastness to Perspiration - Alkaline	58.00
Class F Materials (Fluorescent Fabric –Dry and Wet use)		
T28F	2.3, 2.4 Chromaticity & Luminance – Dry and Wet	276.00
T28FD	2.5.1 Colourfastness after UV Exposure – Dry and Wet	361.00
T36	2.5.2 Colourfastness to Washing	68.00
T51A	2.5.3 Colourfastness to Perspiration - Acid	58.00
T51B	2.5.3 Colourfastness to Perspiration - Alkaline	58.00

Code	Description	Fee
Class R Materials Dry and Wet (Silver Reflective Tape)		
T26A	3.3 Photometric Performance	277.00
T26B	3.5.2 CIL after UV	372.00
T26C	3.5.3 CIL after washing	300.00
T26D	3.5.4 CIL after abrasion	199.00
T26E	3.5.5 CIL after temperature	300.00
T26F	3.8 CIL under rainfall	305.00
T90D	3.6 Resistance to flexing	127.00
T90M	3.7 Resistance to cold cracking	60.00

Continued Over...

Code	Description	Fee
Class RF Materials Dry and Wet (Fluorescent Reflective Tape)		
T26A	3.3 Photometric Performance	277.00
T26B	3.5.2 CIL after UV	372.00
T26C	3.5.3 CIL after washing	300.00
T26 D	3.5.4 CIL after abrasion	199.00
T26E	3.5.5 CIL after temperature	300.00
T26F	3.8 CIL under rainfall	305.00

Code	Description	Fee
T28F	2.3, 2.4 Chromaticity & Luminance – Dry and Wet	276.00
T90D	3.6 Resistance to flexing	127.00
T90M	3.7 Resistance to cold cracking	60.00
Garment Evaluation		
T28A	AS 4399 UPF Factor	180.00
T28G	AS 4602 Safety Garment Evaluation	169.00

Please Note: All types of fabrics and reflective tapes have been quoted. Not all may be applicable to your garment.

Technical Investigations and Consultations

Description	Fee
Senior Management &/or Expert Witness	394.00
Management &/or Professional Staff	229.00
Laboratory Technician	142.00

Woolmark Series Page 55

Yarn Testing

Code	Description	Fee
T01A	Linear Density of Yarns from Packages	70.00
T02A	Twist - Singles	119.00
T02B	Twist - Folded	89.00

Code	Description	Fee
T03B	Yarn Breaking Load - Instron Method	136.00
T04	Yarn Unevenness	97.00
T68	Twist Set - Carpet Yarns	177.00

Contact List

AWTA Product Testing

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Code	Test Description	Lead Time	Body	Standard	Year	Specimen	2013/14 Price ex-GST
F01A	FIBRE DIAM(SCOURED RAW WOOL)	5	IWTO	28	1993	Random portion 2.500 +-0.001g	55
			AS	1133	1996		
			ISO	1136	1976		
F01C	FIBRE DIAMETER-AIRFLOW SLIVER	5	IWTO	6	1998	4 specimens mass between 1.4 and 2.6g	54
			BS	3183	1991		
			ASTM	D1282	1996		
F01L	FIBRE DIAMETER - TOP LASERSCAN	5	IWTO	12	2000		27
			AS	4492.4	2000		
F01LY	FIBRE DIA-YARN/FABRC LASERSCAN	6	IWTO	12	2000		72
			AS	4492.4	2000		
F02	FIBRE DIAMETER-OPTICAL(600FIB)	8	IWTO	8	1997		180
			TWC	24	2009		
			ISO	137	1975		
			BS	2043	1993		
			AS	2001.2.1	1988		
			ASTM	D 2130	1990		
F02G	FIBRE DIAMETER-OPTICAL(150FIB)	8	IWTO	8	1997		98
			AS	2001.2.1	1988		
F02GX	FIBRE DIAMETER-OPTICAL(300FIB)	8	IWTO	8	1989		126
			AS	2001.2.1	1988		
F02H	VISUAL MICROSCOPY	5	TBA				150
F03	MOISTURE REGAIN/CONTENT	5	IWTO	33	1998		67
			IWTO	34	1988		
			AS	2836.1	1998		
			ISO	3344	1997		
			BS	4784	1988		
			ASTM	D1576	1990		
			ASTM	D2654.1	OOD		
F05	SINGLE FIBRE LENGTH(/75 BALES)	10	AWC	212	1982		402
			BS	6176	1991		
			ISO	6989	1981		
			ASTM	D3661	OBS		
			IWTO	DRAFT TM-5	1997		

Code	Test Description	Lead Time	Body	Standard	Year	Specimen	2013/14 Price ex-GST
F05A	SFL (YARN/FABRIC)	10	IWTO	DRAFT TM-5	1997		273
F06	FIBRE LENGTH-ALMETER	6	IWTO	17	1985		70
F08	FIBRE TENACITY	10	EN	5079	1996		POA
			ISO	5079	1995		
			ASTM	D3822	OOD		
F09	FIBRE MEDULLATION/KEMP	6	IWTO	8	1989		450
			ASTM	D2968	1995		
F10	WOOL CONTENT OF WASTE-REPORT	8	AWTA	54	1994		146
			IWS	155	1996		
			ISO	1833	1977		
			BS	4407	1995		
			AATCC	20A	2000		
			ASTM	D629	2008		
F11	ALKALI SOLUBILITY (INCL F12)	8	ISO	3072	1975		214
			BS	3568	1992		
			AS	2001.3.3	1986		
			DEF	5037-D7			
			ASTM	D1283	1985		
			IWTO	DTM4	1960		
F12	pH OF AQUEOUS EXTRACT	5	IWTO	2	1986		89
			AATCC	81	2001		
			AS	1301	OOD		
			ISO	3071	1980		
			AS	2001.3.1	1998		
			DEF	5037-B2	1987		
			AS	O.O.D.	1994		
F12L	pH - LEATHER	6	EN	4045	1977		90
F13A	CALIBRATION OF AIRFLOW	15	IWTO	6	1998		1,270
			AS	1133	1996		
F13B	CALIBRATION OF SONIC	15	AS	4492.3	2000		1,270

Code	Test Description	Lead Time	Body	Standard	Year	Specimen	2013/14 Price ex-GST
F14	EXTRACTABLE MATTER - NATA	6	IWTO	10	2001		97
			TWC	136	2003		
			BS	3582	1990		
			EN	4048	OOD		
			AS	2001.3.4	1995		
			ASTM	D1574	1990		
			ASTM	D2257	1998		
F14A	STARCH IN COTTON-VISCOSE	9	BS	4032	1978		POA
F15A	ACID CONTENT OF WOOL	10	IWTO	3	1986		POA
			ISO	3073	1975		
			BS	3568	1992		
F15B	ALKALI CONTENT OF WOOL	10	AS	2001.3.2	1977		POA
			IWTO	DRAFTTM-21	1969		
F16	SLIVER EVENESS	5	IWTO	18	2000		98
			ASTM	D1425	1996		
F17A	IDENTIFICATION OF FIBRES	5	AATCC	20	2002	100g/A4 size	53
			IWS	155	1996		
			AS	2836.2	1998		
			TEXIN	7 ED	1985		
			ASTM	D276	2000		
F17B	ANALYSIS OF FIBRES	8	TWC	155	2009	100g/A4 size	136
			AS	2001.7	2005		
			AS	2836.2	1998		
			BS	4407	1995		
			ISO	5088	1976		
			AATCC	20A	2004		
			ASTM	D629	2008		

Code	Test Description	Lead Time	Body	Standard	Year	Specimen	2013/14 Price ex-GST
F17B2	ANALYSIS OF FIBRES - 2 FIBRES	8	TWC	155	2009	100g/A4 size	186
			AS	2001.7	2005		
			AS	2836.2	1998		
			BS	4407	1998		
			ISO	5088	1976		
			AATCC	20A	2004		
			ASTM	D629	2008		
F17B3	ANALYSIS OF FIBRES - 3 FIBRES	9	TWC	155	2009	100g/A4 size	320
			AS	2001.7	2005		
			AS	2836.2	1998		
			BS	4407	1998		
			ISO	5088	1976		
			AATCC	20A	2004		
			ASTM	D629	2008		
F17B4	ANALYSIS OF FIBRES - 4 FIBRES	10	TWC	155	2009	100g/A4 size	456
			AS	2001.7	2005		
			AS	2836.2	1998		
			BS	4407	1998		
			ISO	5088	1976		
			AATCC	20A	2004		
			ASTM	D629	2008		
F17C	ANIMAL FIBRE - UNDERLAYS	8	AWTA	63	1994		104
			IWTO	19-APP F	1998		
			AS	O.O.D.	1997		
F18A	NEPS ONLY IN WOOL TOP	6	IWTO	24	1973		74
			ASTM	D1770	1994		
F18AB	NEPS & VEG MATTER IN WOOL TOP	6	IWTO	24	1973		74
			ASTM	D1770	1994		
F18B	VEG MATTER IN WOOL TOP	6	IWTO	24	1973		74
			ASTM	D1770	1994		
F18C	COLOURED FIBRE IN WOOL TOP	6	IWTO	24	1973		74
			ASTM	D1770	1994		

Code	Test Description	Lead Time	Body	Standard	Year	Specimen	2013/14 Price ex-GST
F18D	FAULTS + COLOURED FIBRE IN TOP	6	IWTO	24	1193		86
			ASTM	D1170	1994		
F19	MELTING POINT OF FIBRES	6	ISO	3146	2000		150
			ASTM	D276	1987		
F20	FLUIDITY OF COTTON FIBRES	10	AWTA	57	1996		245
			AATCC	82	2001		
			AS	2001.3.6	2005		
F20A	FLUIDITY OF RAYON FIBRES	15	AWTA	57	1996		245
			AATCC	82	2001		
			AS	2001.3.6	2005		
F21	ASH CONTENT	8	IWTO	19-APPD	1998		31
			AS	O.O.D.	1997		
F21A	SULPHATED ASH CONTENT	10	AS	2836.11	1998		POA
			EN	4047	OOD		
F21F	ASH CONTENT - FIBREGLASS	5	ISO	1887	1995		91
F22	ALKALI INSOLUBLE MATTER	8	IWTO	19-APP F	1998		POA
			AS	O.O.D.	1997		
F23	WAX/SUINT RATIO	10	AWTA	58	1993		240
F25	COLOUR MEASUREMENT-WOOL FIBRE	5	IWTO	35	2003		48
			AS	3546	OOD		
			BS	6923	1994		
			ISO	105-J01	1990		
F26	FREE FORMALDEHYDE CONTENT	12	AATCC	112	2009		297
			ISO	14184.1	1998		
F26A	VOC TESTING	15	ISO	10580	2010	1,000 x 1,000 mm in air-tight foil packaging	1,100
F26B	CAPROLACTAM TESTING	15	ISO	10580	2010	1,000 x 1,000 mm in air-tight foil packaging	667
F27A	LEATHER-CHORMIC ACID - WET	7	ISO	5398.1	2007		POA
F27B	LEATHER-CHROMIC ACID ALKALINE	7	ISO	5398.1	2007		POA
F28	WOOL COMFORTMETER	7	TBA			Garment or 500 x 500mm	70
F29	WOOL HANDLEMETER	7	TBA			200 x 300mm (140 - 210gsm & ≤ 0.9mm thick)	155

Code	Test Description	Lead Time	Body	Standard	Year	Specimen	2013/14 Price ex-GST
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RAPITEST METHODS

R	RE-ISSUE/RE-TYPE REPORT	3					53
R01A	YARN LINEAR DENSITY - PACKAGES	3	AWTA	20	2001		63
R01B	YARN LINEAR DENSITY - WOVEN	3	AWTA	17	2001		74
R01C	YARN LINEAR DENSITY - KNITTED	3	AWTA	21	2001		74
R02A	YARN TWIST - SINGLES	3	AWTA	15	2001		74
R02B	YARN TWIST - FOLDED	3	AWTA	16	2001		63
R03B	YARN BREAKING FORCE	3	AWTA	28	2001		73
R07A	PILLING - KNITTED ICI PILL BOX	3	AWTA TARGET	12 60	2001 2002		80
R07AA	PILLING ICI - 2 HOUR	3	AWTA	37	2002		80
R07AT	PILLING - FLEECY / INTERLOCK	3	TARGET	TP60	2002		155
R07B	PILLING - WOVEN - MARTINDAL	3	AWTA TARGET	11 61	2001 2002		51
R07BT	PILLING - BEDLINEN	3	TARGET	TP61	2002		101
R08A	MASS PER UNIT AREA	3	AWTA AWTA TARGET	1 1 20	2001 1992 2002		37
R09	THREADS PER UNIT LENGTH	3	AWTA TARGET	22 25W	1992 2002		42
R09W	WEAVE ANALYSIS - SIMPLE CONST.	3	AWTA	27	2001		52
R11A	STRENGTH - RAVEL STRIP	3	AWTA TARGET	9 42	2001 2002		81
R12B	STRETCH & RECOVERY PROPERTIES	3	AWTA TARGET TARGET	26 50&51 T44&45	1992 2002 2002		59
R12BT	STRETCH & RECOVERY - ELASTANE	3	TARGET	52 & 53	2004		104
R13A	YARN SLIPPAGE - STANDARD SEAM	3	AWTA TARGET	10 40	2002 2002		90
R13B	YARN SLIPPAGE - CONSTANT LOAD	3	AWTA	78	2004		88
R13C	MANUFACTURED SEAM SLIPPAGE	3	AWTA TARGET	36 40	2001 2002		63

Code	Test Description	Lead Time	Body	Standard	Year	Specimen	2013/14 Price ex-GST
R14	BURSTING STRENGTH	3	AWTA	24	2001		80
R14B	BURSTING BALL	3	TARGET	54	2002		110
R15A	TEAR STRENGTH - WING RIP	3	AWTA	18	2001		52
R15E	TEAR STRENGTH - ELMENDORF	3	AWTA	33	2001		35
			TARGET	41	2002		
R17A	FIBRE IDENTIFICATION PER FIBRE	3	AWTA	13	2001		52
R20A	ABRASION - MARTINDALE (20K)	3	AWTA	19	2001		67
			TARGET	62	2002		
R20AT	FROSTING - MARTINDALE	3	TARGET	63	2002		52
R21	WALES & COURSES-CIRCULAR KNITS	3	AWTA	23	2001		46
			TARGET	25K	2002		
R23EC	DRYCLEANING - COMMERCIAL	5					62
R24	SHRINKAGE - TOP LOADING	3	AWTA	31	2006		77
R24AW	SHRINKAGE - WASCATOR	3	AWTA	8	2006		77
			BOYD	8	1992		
R24I	EXTRA IRONING AND MEASURE	3					16
R24T	SHRINKAGE - 3 CYCLES	4	TARGET	32 - 38	2002		81
			AWTA	AWTA	2006		
R24W	WASH PRIOR TO OTHER RAPITEST	3					52
R24X	ADDITIONAL STAGE TO WASHING	4	AWTA	TBA	1993		13
R29B	HYDROSTATIC HEAD	3	AWTA	35	2001		58
R29C	WETTABILITY-SPRAY RATING	3	AWTA	30	2001		49
R29CW	WATER REPELLENCY B & AFT WASH	4	TARGET	TP71	2002		107
R35B	C/F TO LIGHT (MBTF)	4	AWTA	2	2001		68
			BOYD	2	1992		
			TARGET	8	2002		
R35BD	C/F TO LIGHT (AFTER WASHING)	5	TARGET	8	2002		100
R36	C/F TO WASHING	3	AWTA	7	2002		63
			BOYD	7	1992		
			TARGET	2/03/2004	2002		
R36P	C/F TO WASHING - PRINTS	4	AWTA	34	2006		63
			TARGET	TP12	2002		

Code	Test Description	Lead Time	Body	Standard	Year	Specimen	2013/14 Price ex-GST
R50	C/F TO WATER	3	AWTA	3	2001		59
			BOYD	3	1992		
			TARGET	5	2002		
R51A	C/F TO PERSPIRATION - ACID	3	AWTA	5	2001		58
R51B	C/F TO PERSPIRATION - ALKALI	3	AWTA	5	2001		58
			BOYD	5	1992		
			TARGET	6	2002		
R52A	C/F TO RUBBING	3	AWTA	4	2001		39
			BOYD	4	1992		
			TARGET	7	2002		
R53	C/F TO DRYCLEANING	3	TARGET	1	2003		74
			AWTA	6	2001		
R54	C/F TO SEAWATER	3	TARGET	11	2002		76
			AWTA	29	2001		
R55	C/F TO CHLORINATED WATER	4	TARGET	10	2003		62
			AWTA	32	2001		
R55P	CHLORINATED WATER CONTACT	4	TARGET	TP10.1	2003		62
R55S	C/F TO CHLORINATED SPA	4	AWTA	32	2001		67
RC	RE-ISSUE/COMPUTER	3					53
RL	LETTER OF OPINION	4					111
SP1	SAMPLE PREPARATION PER 1/2 HR	10					76

Code	Test Description	Lead Time	Body	Standard	Year	Specimen	2013/14 Price ex-GST
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STANDARD TEST METHODS

T01A	LINEAR DENSITY-PACKAGES	6	ISO	2060	1994	approx 5,000m/1-2kg package	70
			AS	2001.2.23	1990		
			DEF	5037-A5	1987		
			ASTM	D1907	1997		
T01B	LINEAR DENSITY-WOVENS	7	BS	2865	1984	600mm x 600mm fabric	176
			ISO	7211.5	1984		
			ASTM	D1059	1997		
T01C	LINEAR DENSITY-KNITS	7	IWS	201	1980	600mm x 600mm fabric	176
			BS	5441	1994		
T02A	TWIST-SINGLES	6	ISO	2061	1995	approx 5,000m/1-2kg package	119
			ISO	2061	1972		
			BS	2864	1990		
			ISO	7211.4	1984		
			AS	2001.2.14	1987		
			DEF	5037-A7	1987		
			ASTM	D1422	1999		
ASTM	D1423	1999					
T02B	TWIST-FOLDED	6	ISO	2061	1995	approx 5,000m/1-2kg package	89
			BS	2864	1990		
			ISO	7211.4	1984		
			AS	2001.2.14	1987		
			DEF	5037-A8	1987		
			ASTM	D1423	1999		
T03A	YARN TENSILE-USTER	10	ISO	2062	OOD		POA
			AS	2001.2.7	1987		
T03B	YARN BREAKING FORCE-INSTRON	6	ISO	2062	OOD	approx 5,000m/1-2kg package	136
			DEF	5037-A10	1987		
			ASTM	D2256	1997		

Code	Test Description	Lead Time	Body	Standard	Year	Specimen	2013/14 Price ex-GST
T04	UNEVENNESS - YARN	5	IWTO	18	2000		97
			AS	D1425	1996		
			USTER	N/A			
T05A	YARN RELAX.SHRINKAGE	8	IWS	18	1972		POA
			AS	2001.5.6	1987		
			ASTM	D2259	1996		
T06	SNAGGING-MACE	7	FORD	BN 108-11	1990	2 each way 340 x 205mm 2 each way 340 x 205mm	127
			FLTM	BN108-11	1990		
			AS	D3939	OOD		
T06B	SNAGGING-TABER	10	FORD	EU BN 8-7	1974		135
T07A	PILLING-ICI PILL BOX(4-5HR)-SC	8	IWS	152	1996	4 specimens 125 x 125mm	103
			TWC	152	2009		
			BS	5811	1986		
			ISO	12945-1	2000		
			DEF	5037-A28	1990		
T07AX	PILLING-ICI PILL BOX (10HR)	8	IWS	152	1996	4 specimens 125 X 125mm	129
			BS	5811	1986		
			ISO	12945-1	2000		
			DEF	5037-A28	1990		
T07B	PILLING-MARTINDALE	6	AWTA	55	1993	5 specimens 145 x 145 mm	59
			TWC	196	2009		
			AS	2687	1997		
			AS	3789.6APPD	1996		
T07BW	PILLING M'DALE AFTER WASH	8	AS	3789.6APPD	1996	5 specimens 145 x 145 mm	95
T07C	PILLING-RANDOM TUMBLE	10	ASTM	D3512	2002	Cut 3 specimens on bias (45degree) 105mm ²	107
T07CL	LINTING - RANDOM TUMBLE	8	AWTA	76	2003		101
			TSL	2100G-4.32	2000		
			GMH	9139P	1999		
T07D	PILLING-BRUSH METHOD	7	FORD	BN 108-3	2004	4 specimens 230 x 230 mm	104
			ASTM	D3511	2005		
T07FM	FIBRE PERMEATION	7	TWC	266	2009		150
T07G	PILLING - CROCKMETER	8	GMEA	60331A	1197		109
			GMEB	60331B	1997		

Code	Test Description	Lead Time	Body	Standard	Year	Specimen	2013/14 Price ex-GST
T08A	MASS PER UNIT AREA	5	TWC	13	2009	1 m ²	68
			BS	2471	1991		
			AS	2836.3	1998		
			ISO	3374	1990		
			ISO	3801	1977		
			EN	12127	1997		
			FTMS	191/5041	1978		
			AS	2001.2.13	2012		
			AS	3789.6	1996		
			ASTM	D3776	OOD		
	IWTO	DRAFT 22	2002				
	GMH	HN2034	2005				
T08AG	MASS PER UNIT AREA(GEOTEXTILE)	5	AS	3706.1	2012		99
T08B	WIDTH-FABRIC	5	ISO	5025	1997		45
			AS	2001.2.12	1987		
	ASTM	D3774	1996				
T08BB	BOW OF YARNS IN WOVEN	6	ASTM	D3882	1999	1 m ²	53
T08C	DIMENSION OF SURGICAL DRESSING	6	AS	2836.4	1998		53
T08F	BULK AND RESILIENCE	5	TWC	265	2009	100g	103
T09	THREADS PER UNIT LENGTH	6	EN	1049.2	1993	A4 size avoiding area 300mm from selvage	67
			ISO	4602	1978		
			ISO	7211.2	1984		
			FTMS	191/5050	1978		
			AS	2001.2.5	1991		
			DEF	5037-A2	1990		
			AS	3789.6	1996		
			ASTM	D3775	1998		
	IWTO	DRAFT 39	2002				
	MILS	F-21840G	1987				
T09W	WEAVE ANALYSIS - H/R	7	BS	2861	1990	A4 size with a number of repeats	POA

Code	Test Description	Lead Time	Body	Standard	Year	Specimen	2013/14 Price ex-GST
T10	THICKNESS-FABRIC-STATIC	7	GMH	2034.4	2005	500mm x 500mm	70
			AS	2111.1	1978		
			AS	3706.1	2012		
			EN	5084	1997		
			ISO	5084	1996		
			ISO	9073.2	OOD		
			FTMS	191/5030	1989		
			ASTM	D1777	1996		
			AS	2001.2.15	2012		
T10L	THICKNESS - LEATHER	7	BS	3144.3	1968		70
			SLTC	SLP4			
T11A	BREAKING FORCE-RAVEL/CUT STRIP	7	IWS	4	1996	One square metre/linear metre	112
			TWC	4	2009		
			ISO	9073.3	1989		
			EN	13934-1	1999		
			ISO	13934-1	1999		
			ISO	13934-1	1999		
			FTMS	191/5104	1989		
			AS	2001.2.3.1	2001		
			DEF	5037-A9	1987		
			AS	37893.6	1996		
T11AG	GEOTEX.UV DEGRAD XENON	20	AS	3706 APP11	2012		POA
			AS	3706 APP12	1990		
			AS	3706 APP13	2000		
T11B	BREAKING FORCE-GRAB METHOD	7	ISO	13934-2	1999	One square metre/linear metre	103
			FTMS	191/5100	1989		
			AS	2001.2.3.2	2001		
			ASTM	D1117	2001		
			ASTM	D5034	2009		
GMH	HN 0055	1989					

Code	Test Description	Lead Time	Body	Standard	Year	Specimen	2013/14 Price ex-GST
T11BG	BREAKING FORCE - GRAB METHOD	7	AS	3706.2	2012	One square metre/linear metre	138
			AS	OOD	2001		
T11C	BREAKING FORCE-CARPETS	7	AWC	4	1987	One square metre/linear metre	POA
T11D	BREAKING FORCE-EXP. DRAPES	15	AS	2663 APP A	1997	One square metre/linear metre	POA
T11E	TENSILE STRENGTH - WIDE STRIP	9	AS	3706.2	2012	One square metre/linear metre	218
T11F	BREAKING FORCE - WEBBING	7	AS	1753	1990	approx. 5m	112
			AS	1891.1APPA	2007		
T11FA	BREAKING FORCE-FALL ARRESTS	37	AS	1891	2007	approx. 5m	941
T11L	BREAKING FORCE-LEATHER	10	BS	3144.5	1968		103
			SLTC	SLP6			
T11M	MESH BREAKING LOAD	8	BS	4650	1970		112
T11P	BREAKING FORCE - PAPER	7	AS	4200.1	1994		112
			AS	1301.448S	1991		
T12A	EXTENSION UNDER LOAD	8	AWC	51	1980		POA
T12B	STRETCH/RECOVERY PROPS	10	TWC	179	2009		162
			WOOLB	179	2000		
			SEN				
			BS	14704.1	2005		
			ASTM	D2594	OOD		
			ASTM	D3107	1980		
			ASTM	D4964	1996		
			NISS	EPS101	1990		
			GMH	HN 0093	1972		
			FORD	O.O.D.	1968		
T12F	ELASTIC DIM STAT TO LAUNDERING	7	TARGET	TP80	2007	2 specimens 300mm in the length	74
T12F1	ELASTIC WEIGHT	3	TARGET	TP81	2002	2 specimens 1000mm minimum length	31
			TARGET	TP81	1998		
T12F2	RESIDUAL EXTENSION KICKBACK	7	TARGET	TP82	2007	2 specimens 300mm	56
T12F3	RESIDUAL EXTENSION ORIGINAL	7	TARGET	TP83	2002	2 specimens 200mm	62
T12F4	RESIDUAL EXTENTION SHRINKAGE	7	TARGET	TP84	2002		46
T12F5	RESIDUAL EXTENSION STRETCH	7	TARGET	TP85	2002		46
T12F6	% LOSS LOAD RECOVERY AFT SHRIN	7	TARGET	TP86	2002		16
T12F7	% LOSS LOAD RECOV AFT STRETCH	7	TARGET	TP87	2002		16

Code	Test Description	Lead Time	Body	Standard	Year	Specimen	2013/14 Price ex-GST
T12G	CREASING LAMINATED FABRICS	7	GMH	HN0289	2001		122
T12H	STRETCH SET - LEAR	8	GMH	HN0291	2001		173
T13A	YARN SLIPPAGE-STANDARD SEAM	7	IWS	117	1996	One square metre/linear metre	130
			TWC	117	2009		
			AS	2687	2006		
			BS	3320	1988		
			FTMS	191/5110	1989		
			AS	2001.2.22	2006		
			FORD	BN 119-01	2001		
			ASTM	D4034	1992		
T13B	SEAM STRENGTH-MANUF.	7	IWS	171	1972	Representative seams prepared by manufacturer	119
			ISO	13935-1	1999		
			ISO	13935-2	1999		
			AS	2001.2.20	2004		
			FORD	BN119-01	2001		
			ASTM	D1683	1990		
			GMH	HN 0090	1986		
T13C	SEAM SLIPPAGE RESISTANCE	7	AS	2687	1997	One square metre/linear metre	128
			AS	2001.2.21	1989		
			ASTM	D434	1995		
T13D	SEAM FATIGUE	10	MIT	ESX83220	1996	One square metre/linear metre	214
			TOY	TSL2100G	2003		
T13E	SEAM STRENGTH - GEOTEXTILES	7	AS	3706.6	2012		110
T13F	FLEX FOLD	10	AWTA	77	2004	2 specimens each way 250 x 300mm	214
			FORD	BN102-04	2001		
T13L	SEAM STRENGTH FOR LEATHER	8	MIT	83217.4.27	1989		POA
T13N	NEEDLE DAMAGE	7	AWTA	68	1994	2 specimens 200 x 500mm	82

Code	Test Description	Lead Time	Body	Standard	Year	Specimen	2013/14 Price ex-GST
T14	BURSTING PRESSURE-MULLEN	7	TWC	29	2009	One square metre/linear metre	90
			AS	2687	1997		
			ISO	2960	1974		
			BS	4768	1991		
			ISO	13938-1	1999		
			AS	2001.2.4	1990		
T14B	BURSTING FORCE-BALL BURST	7	AS	2001.2.19	1988	One square metre/linear metre	112
			AS	2259.L	1996		
			ASTM	D3787	2001		
T14C	PUNCTURE RESISTANCE	10	AS	3765.1.E	1990		113
T14D	PUNCTURE - DROP CONE TEST	8	AS	3706.5	2000		152
T14G	GRAVELOMETER	10	SAE	J400	2001		255
T14P	BURST STRENGTH-CBR PLUNGER	8	AS	3706.4	2012		218
T15A	TEARING-WING RIP	7	AWC	58	1982	One square metre/linear metre	107
			AS	2687	1997		
			BS	4303	1986		
			AS	2001.2.10	1986		
T15B	TEARING - SINGLE RIP/TONGUE	7	DEF	5037-A12	1987	One square metre/linear metre	118
			IWS	172	1996		
			FTMS	191/5134	1978		
T15C	TEARING-COATED	7	ASTM	D2261	1996	One square metre/linear metre	118
			BS	3424.5/7	1982		
			ISO	4674.1A	2003		
			ISO	4674.1B	2003		
			ASTM	D751	OOD		

Code	Test Description	Lead Time	Body	Standard	Year	Specimen	2013/14 Price ex-GST
T15D	TEARING-TRAPEZOIDAL	7	AS	3706.3	2012	One square metre/linear metre	118
			ISO	9073.4	1997		
			ASTM	D1117.14	2001		
			ASTM	D4533	1991		
			ASTM	D5733	OOD		
			ASTM	D5733	OOD		
			GMH	HN 0054	1989		
T15E	TEAR STRENGTH - ELMENDORF	6	AS	1424	1996	One square metre/linear metre	104
			AS	2687	1997		
			AS	2001.2.8	2001		
T15L	TEARING-LEATHER	7	BS	3144.6	1968		118
			ISO	3377.1	2002		
			SLTC	SLP7			
T15P	EDGE TEAR RESIST (FINCH)	7	AS	4200.1	1994		118
T16	EVAL OF CHILDRENS NIGHTWEAR	7	AS	1249	2003		108
			AS	1249	1999		
			CPSS	GN2	1993		
			FBCA	SAFSTD	1994		
T16/A	SURFACE BURNING	6	AS	1176.3	1982		51
T16/B	IGNITION TIME	6	AS	1176.1	1982		51
T16/C	BURNING TIME	6	AS	1176.2	1982		146
T16/D	LAUNDERING	7	AS	1647.4 B	1980		101
T16/J	LABEL DURABILITY	6	AS	1249 APP C	2003	3 labels	73
T16/J	LABEL DURABILITY	6	AS	1249 APP J	1999	3 labels	73
T16L	LABEL DURABILITY NONFIRE LABEL	5	AS	1249	1999	3 labels	73
T16LA	LABEL DURABILITY & AS	6	AS	1249	2003		106
			AS	1249	1999		
T16T	LABEL DURABILITY - TARGT	5	TARGT	TP13	2002		103
T17A	FLAMMABILITY-VERTICAL -SC	8	DMS	1511		3 specimens each way 305 x 75mm 3 specimens each way 305 x 75mm	156
			BS	5438	1989		
			FTMS	191A5903.1	1989		
			FAR	25.853(i)	1995		
			FAR	25.853(ii)	1995		

Code	Test Description	Lead Time	Body	Standard	Year	Specimen	2013/14 Price ex-GST
T17AK	FAR Kerosine Burner Test	20	FAR	25.853 F2	1995		1,802
T17AW	FLAMMABILITY-ALBRIGHT&WILSON	8	BS	3119/3120	1959		127
			EN	532/533	1995		
T17B	FLAMMABILITY-HORIZONTAL	8	UAE	98	1990		292
			MVSS	302	1999		
			ISO	3795	1989		
			FTMS	191-5906	1978		
			FAR	25.853(iv)	1995		
			FAR	25.853(v)	1995		
			GM	9070P	1996		
			BS	AU 169	1989		
			JIS	D1201	1998		
			FORD	ES-E97B	1987		
			MITS	EX-X60410	2011		
			SAE	J369	2003		
			NISS	M-0094	1984		
			SAE	T2002	1971		
			TOY	TSM 0500G	2012		
T17BM	FLAMM - HORIZONTAL	15	UL	94	1997		715
			TOY	TSM0500G	2012		
T17C	FLAMMABILITY - CIGARETTE	10	IMO	652	1989	2 specimens 800 x 650mm	161
			AS	3744.1	1998		
			AS	4088.1	1996		
			BS	5852	2006		
			EN	1021-1	1994		
			EN	597-1	1995		
T17D	FLAMMABILITY - MATCHFLAME	10	IMO	652	1993	2 specimens 800 x 650mm	161
			AS	3744.2	1998		
			BS	5852	2006		
			EN	1021-2	1994		
			EN	597-2	1995		
T17DC	FLAMMABILITY - CRIB TEST	10	BS	5852	2006		376
			BS	6807	1996		

Code	Test Description	Lead Time	Body	Standard	Year	Specimen	2013/14 Price ex-GST
T17DD	CRIB TEST COMPLETE ASSEMBLY	20	BS	5852	2006		741
T17E	FLAMMABILITY-COATED	8	AS	1441.13	1973		103
			AS	2195.5.6.2	OOD		
T17F	EASE OF IGNITION-VERTICAL	8	AS	2755.1	1985		195
			ISO	6940	2004		
T17G	FLAME SPREAD-VERTICAL	6	AS	1249	2003		108
			AS	1249	1999		
			AS	1754	2004		
			AS	2755.2	1985		
			ISO	6941	2003		
			ISO	15025	2000		
T17H	SURFACE BURNING	5	AS	1249	2003	4 specimens in each direction 150 x 75mm	102
			AS	1249	1999		
			AS	1754	2004		
			AS	2755.3	1988		
			ISO	10047	1993		
T17HA	SURFACE BURN AND WASH	7	AS	1249	OBS		148
			AS	2755.3	1988		
T17I	LAUNDERING	7	AS	1249	2003		60
			AS	1249	1999		
			AS	1754	2000		
			AS	2755.3-B	1988		
T18A	FLAMMABILITY OF MATERIALS	12	AS	1530.2	1993	9 each 75 x 535mm or 2 lin m fabric	423
T18AG	FLAMMABILITY INDEX - GUIDANCE	12	AS	1530.2	1993	2 each 75 x 535mm or 3m ² fabric	219
T18B	EARLY FIRE HAZARD PROPS	20	AS	1530.3	1999	10 each 450 x 600mm	799
T18BG	EFH GUIDANCE-TWO specimen	20	AS	1530.3	1999	2 each 450 x 600mm	333
			AS	1530.3	1999		
T18D	FLAMMABILITY-AIR DUCTING	20	UL	181.11	2005	6m length flexible duct	458
			AS	4254.2.8.2	2012		
T18E	AIR DUCT - MOULD	65	UL	181.11	1994	3 specimens 102 x102mm	328
			AS	4254.2.8.2	2012		

Code	Test Description	Lead Time	Body	Standard	Year	Specimen	2013/14 Price ex-GST
T18F	AIR DUCT - HIGH & LOW TEMP	15	UL	181.12	1994	6m length flexible duct	316
			AS	4254.2.8.2	2012		
T18G	AIR DUCT - PUNCTURE	15	UL	181.13	1994	6m length flexible duct	63
			AS	4254.2.8.2	2012		
T18H	AIR DUCT - STATIC LOAD	15	UL	181.14	1994	6m length flexible duct	120
			AS	4254.2.8.2	2012		
T18I	AIR DUCT - IMPACT	15	UL	181.15	1994	3 pieces 2.43m long by 300mm diameter	120
			AS	4254.2.8.2	2012		
T18J	AIR DUCT - PRESSURE	15	UL	181.17	1994	3 pieces 2.43m long by 300mm diameter	324
			AS	4254.2.8.2	2012		
T18K	AIR DUCT - COLLAPSE	15	UL	181.18	1994	3 pieces 2.43m long by 300mm diameter	324
			AS	4254.2.8.2	2012		
T18L	AIR DUCT - TENSION	15	UL	181.19	1994	3 pieces 2.43m long by 300mm diameter	120
			AS	4254.2.8.2	2012		
T19A	PLASTICS-FLAME PROPAGATION	20	AS	2122.1	1993	30 each 255 x 20 x 20mm	1,370
T19B	PLASTICS-MIN OXYGEN INDEX	20	AS	2122.2	1999		1,370
			ISO	4589.2	1996		
			ASTM	D2863	OOD		
T19BS	GUARDED HOT PLATE - BULD SYST	15	ISO	8302	1991	one square metre	549
T19C	NBS SMOKE CHAMBER	10	ATS	1000.001	1982		POA
			ASTM	E662	OOD		
T19DD	SWEATING GUARD HOT PLATE-DRY	10	AS	4859.1	2002		550
			ISO	8302	1991		
			ISO	11092	1993		
			ASTM	C177	2004		
T19DN	SWEAT GUARD HOTPLATE DRY-NATA	10	ISO	8302	1991		605
			ISO	11092	1993		
T19DW	SWEATING GUARD HOT PLATE-WET	10	ISO	11092	1993		690
T19E	COMFORT FACTOR	5	TBA				478
T19EQ	COMFORT FACTOR QMAX VALUE	5	TBA				478
T19F	THERMAL INSULTION	20	ASTM	C518	2010	2 specimens each 610 x 610mm	635
T19H	THERMAL INSULATION - FIBROUS	20	AS	4859.1	2002	27m ² or 3 unopened packs	1,540
T19S	GUARDED HOT PLATE - SAMPLING	15	TBA				125

Code	Test Description	Lead Time	Body	Standard	Year	Specimen	2013/14 Price ex-GST
T19WN	SWEAT GUARD HOTPLAT WET-NATA	10	ISO	8302	1991		760
			ISO	11092	1993		
T20	ABRASION-MARTINDALE	12	ISO	12947	1998	0.5m ² fabric.	114
T20A	ABRASION- MARTINDALE(30K)	12	AWTA	52	1992	0.5m ² fabric.	114
			TWC	112	2009		
			EN	530	1994		
			AS	2687	2006		
			BS	3424.24	1990		
			EN	12947	1999		
			ISO	12947	1998		
			AS	001.2.25.2	2006		
T20AX	ABRASION-MARTINDALE-EA.ADD.20K	14	TBA				45
T20B	ABRASION-FLEX-STOLL	12	AS	2001.2.26	1990	3 specimens in each direction 200 x 50mm	104
			AS	2663 APP G	1983		
			DEF	5037-A24			
			ASTM	D3885	2004	5 specimens 150 x 150mm	
			AS	2001.2.27	1990		
			AS	2687 APP A	1997		
T20C			FORD	BN108-01	1992		
			ASTM	D3886	1999		
T20D	ABRASION-FROSTING-STOLL	12	AATCC	119	2004	0.5m ²	104
			AATCC	120	1999		
			AS	2001.4.22	1991		
			AS	2001.4.23	1995		
T20E	ABRASION-ACCELERATOR	12	AATCC	93	1999		POA
			ASTM	D4157	1992		
			ASTM	D4157	1992		

Code	Test Description	Lead Time	Body	Standard	Year	Specimen	2013/14 Price ex-GST
T20F	ABRASION-TABER H/R & WHEELS	10	SAE	1530	1994	One square metre/linear metre	320
			BS	3424.24	1990		
			AS	2001.2.28	1992		
			FORD	BN108-2	OOD		
			AS	D3884	2009		
			MITSU	ES X83214	1987		
GMH	HN0084	1994					
T20FA	TABER ABRASION - SHORT TERM	10	GMW	3208	2000	One square metre/linear metre	166
			FORD	BN108-2	OOD		
			MITSU	ESX83214	1987		
			GMH	HN0084	1994		
T20G	KNITTED NON-WOVEN	7	AS	2687 APP B	1997	4specimens 150 x150mm	99
T20W	ABRASION - WYZENBECK - 50K	10	AS	1441.12	1973	Minimum 4 specimens 25 warp x 55 weft mm	140
			AS	2687	1997		
			AS	2001.2.30	1994		
			ASTM	D3597	1995		
			ASTM	D4157	2007		
T20WX	WYZENBECK - 20K ADDIT CYCLES	12	TBA			Minimum 4 specimens 25 warp x 55 weft mm	58
T21	WALES&COURSES	8	BS	5441	1994	A4 size avoiding area 300mm from selvage	80
			AS	2001.2.6	1981		
			DEF	5037-A3	1987		
			ASTM	D3887	1996		
T21A	STITCH DENSITY - H/R	8	AWC	229	1982	A4 size avoiding area 300mm from selvage	POA
			BS	5441	1994		
T22	COVER FACTOR-KNITTEDS	8	IWS	169	1996		POA
T23A	RELAXATION-DYNAMIC	8	IWS	9	1980		103
			AS	2001.5.3-B	1985		
T23B	RELAXATION-STATIC	8	IWS	10	1980	Minimum 2 specimens 30cm ²	103
			ISO	7771	1985		
			AS	2001.5.3-A	1985		
			DEF	5037-A13	1990		

Code	Test Description	Lead Time	Body	Standard	Year	Specimen	2013/14 Price ex-GST
T23C	RELAXATION-STEAM	8	IWTO	29	1976		103
			IWS	181	1972		
			AS	1287.2	1989		
			ISO	3005	1990		
			BS	4323	1990		
T23D	HEAT RESISTANCE (SHRINKAGE)	8	NFPA	1971	2007	3 specimens 300 x 300mm	138
			ISO	17493	2000		
			EN	469 ANN A	1995		
T23E	DRYCLEAN "MELB INST" 1 CYCLE	10	AATCC	158	2000		260
			IWS	177	1997		
			EN	3175	1998		
			ISO	3175	OOD		
			ISO	3175.1	1998		
			ISO	3175.2	1998		
AS	2001.5.7	1986					
T23EC	DRYCLEANING - COMMERCIAL	8	TBA			Minimum 2 specimens 300 x 300mm	67
T23ED	DRYCLEAN "MELB INST" 15 CYCLES	20	ISO	3175.1	1998		1,449
T23EX	EXTRA DRY-CLEAN CYCLE	6	TBA				134
T23F	RELAXATION-SEVERE DYNAMIC	8	IWS	186	1980		103
T23G	RELAXATION-TUMBLE DRY	9	IWS	254	1996		103
T23X	EXTRA DRY CLEAN CYCLES B/GOUGE	8	TBA				15
T24	MACHINE WASHABILITY - CUBEX	7	IWS	185	1980	minimum 2 specimens 30cm ²	93
			BS	1955	1991		
			AS	3789	1996		
			AS	2001.5.5	1987		
			DEF	5037-A15	1987		
T24A	MACH WASHABILITY - TOP LOADING	7	AATCC	135	2003		93
			ISO	6330	2000		
			AS	2001.5.4	2005		
T24A1	MACHINE WASH - STRETCH SOCKS	7	AWC	50	1982		93
T24A2	INSTITUTIONAL WASH PERFORMANCE	7	AWC	44	1982		93
			AS	3789.4	1994		
T24A3	WASHING SHRINKAGE-BOIL TEST	8	DEF	5037-A15		minimum 2 specimens 30cm ²	POA

Code	Test Description	Lead Time	Body	Standard	Year	Specimen	2013/14 Price ex-GST
T24AW	MACHINE WASHABILITY-WASCATOR	7	TWC	31	2009	minimum 2 specimens 30cm ²	93
			AWTA	53	1992		
			AS	2687	1997		
			AS	3789.1	2000		
			ISO	6330	2000		
			ISO	10528	1995		
			EN	26330	1993		
AS	2001.5.4	1987					
T24B	HAND WASHABILITY - CUBEX	7	AWC	8	1978	minimum 2 specimens 30cm ²	93
			AS	2001.5.5	1987		
T24BW	HAND WASHABILITY-WASCATOR	7	AS	2001.5.4	1987	minimum 2 specimens 30cm ²	93
			IWS	TM31	1986		
T24CW	WOOLMARK - SUPERWASH	7	IWS	31	1986		198
			AS	2001.5.4	1987		
T24S	FIVE WASH/DRY CYCLES	10	TBA				171
T24T	FIVE WASH CYCLES, 1 DRY	8	TBA				112
T24U	FIFTY WASH/DRY CYCLES	30	TBA				1,444
T24V	FIFTY WASH CYCLES, 1 DRY	20	TBA				841
T24W	WASH PRIOR TO OTHER TEST	8	AS	1906.4	1997		59
T24X	ADDITIONAL STAGE TO WASHING	8	TBA				15
T24Y	ADDITIONAL WASH AND DRY STAGE	8	TBA				30
T25	PERMANENT PRESS PROPERTIES	10	AWC	153	1982		POA
			AS	2001.5.5	1987		
T25A	P.P.PROPERTIES FLAT SET	9	AATCC	124	2001		35
			AWC	153	1982		
T25B	P.P.PROPS-CREASE RETENTION	9	AWC	153	1982		35
			AATCC	88C	2003		
T25C	P.P.PROPS-SEAM PUCKERING	9	AWC	153	1982		35
			AATCC	88B	2003		
T26A	PHOTOMETRIC PERFORMANCE	10	AS	1906.4	2010		277
T26A1	CIL -ROTATION SENSITIVE	10	AS	1906.4	2010		175
T26A2	CIL - ONE ANGLE	10	AS	1906.4	2010		175

Code	Test Description	Lead Time	Body	Standard	Year	Specimen	2013/14 Price ex-GST
T26B	CIL AFTER UV	20	AS	1906.4	2010		372
T26C	CIL AFTER WASHING	20	AS	1906.4	2010		300
T26D	CIL AFTER ABRASION	15	AS	1906.4	2010		199
T26E	CIL AFTER TEMPERATURE	15	AS	1906.4	2010		300
T26F	CIL UNDER RAINFALL	15	AS	1906.4	2010		305
T26G	RETRO OF HORIZONTAL COATINGS	10	ASTM	D4061	1994		293
T26R	REFLECTOMETER - CALIBRATION	10	TBA				1,142
T27A	CREASE RECOVERY OF FABRIC	6	AATCC ISO EN	66 2313 22313	1996 OOD OOD		POA
T27B	WRINKLE RECOVERY	15	AATCC AWC	128 175	1999 1986		POA
T27C	STIFFNESS OF FABRIC	6	AS DEF ASTM	2001.2.9 5037-A23 D1388	1977 1987 1996	3 specimen each way 25 x 250mm	POA
T27D	DRAPE OF FABRIC	6	BS	5058	1991		POA
T27E	DURABILITY-PLEATS/CREASES	6	AWC	52			POA
T28	AIR PERMEABILITY	7	EN ISO AS AS ASTM	9237 9237 2001.2.34 2001.2.34 D737	1995 1995 1990 1990 2004		127
T28A	UPF FACTOR (TEST AT ARPANSA)	10	AS AS	4399 4399	1996 1996	2 x A4 specimen	180
T28B	SOLAR OPTICAL PROPERTIES	25	ASTM	E424	1971		473
T28C	% LIGHT TRANSMITTANCE UV VIS	7	AWTA AWTA AS	61 71 4174.B	1994 1996 1994	A4 specimen	175

Code	Test Description	Lead Time	Body	Standard	Year	Specimen	2013/14 Price ex-GST
T28D	COLOUR MEAS DE (CMC)	6	AWTA	65	1994	A5 specimen	70
			AATCC	173	OOD		
			AS	1580.601	1994		
			BS	6923	1988		
			BS	8493	2010		
			EN	105-J03	1997		
			ISO	105-J03	2009		
			TARGET	TP14	2002		
T28E	RETRO COLOUR SPECTRORADIOMETER	15	AS	1906.1	2007		252
T28F	COL MEASURE FLUORESCENT	10	EN	471	1994	A5 specimen	138
			AS	1906.4	2010		
T28FD	COLOUR MEAS FLOURO AFTER DUR	15	AS	1906.4	2010		223
T28G	SAFETY GARMENT EVALUATION	10	AS	4602	2011	one garment per style and per size	169
			AS	4602D	2011		
			AS	4602D/N	2011		
			AS	4602N	2011		
T28H	COLOUR MEASUREMENT NON-FLOURO	6	AS	1906.4	1997		101
T29A	WATER PENETRATION-CONE	6	AS	2001.2.18	1987	3 specimens 300mm ²	72
			DEF	5037-A19	1987		
T29B	HYDROSTATIC HEAD	6	ISO	811	1981	4 specimens 154cm ² circle	128
			BS	2823	1982		
			BS	20811	1992		
			AS	2001.2.17	1987		
			DEF	5037-A18	1987		
T29BH	HYDROLYSIS (CAUSTIC AGEING)	10	DEF	5203A	1987		199
T29C	WATER REPELLENCY-SPRAY	6	AATCC	22	2001	3 specimens 200 x 200mm	103
			BS	3702	1987		
			ISO	4920	1981		
			AS	2001.2.16	1987		
			DEF	5037-A20	1987		
T29D	OIL REPELLENCY	6	AATCC	118	2002	2 specimens 200 x 200mm	100
			AS	3789.6APPC	1996		
			DEF	5037-D5	1987		

Code	Test Description	Lead Time	Body	Standard	Year	Specimen	2013/14 Price ex-GST
T29DW	OIL & WATER REPELLENCY	6	3M	TEST 1+11	1988	4 specimens 200 x 200mm	100
T29E	WVP: PROC.A DESICCANT METHOD	15	AS	CANT TEST	1990	0.5m ²	137
			AS	E96	2012		
T29EA	WATER VAPOUR PERMABILITY	20	AS	2001.2.24	1990		POA
T29ED	WVP:PROC D WATER METH 32.2degC	15	ASTM	E96	2005	0.5m2	137
T29ES	WVP: PROC.B WATER METH 23degC	15	ASTM	E96	2012		137
T29EW	WVP: PROC.BW INVER WATER METH	15	ASTM	E96	2012		137
T29H	WETTABILITY	5	AATCC	79	2000	3 specimens 200 x 200mm	POA
			BS	4554	1991		
T29I1	INCONTINENT PAD - DIM	10	AWTA	62.1	1994	Two pads needed for T29I series 1-5	60
T29I2	DIMENSIONAL STABILITY-5 CYCLES	10	AWTA	62.2	1994	Two pads needed for T29I series 1-5	199
T29I3	SPEED OF ABSORPTION	10	AWTA	62.3	1994	Two pads needed for T29I series 1-5	103
T29I4	FLUID ABSORPTION CAPACITY	10	AWTA	62.4	1994	Two pads needed for T29I series 1-5	60
T29I5	SURFACE WICKING	10	AWTA	62.5	1994	Two pads needed for T29I series 1-5	60
T29J	PERMIABILITY-MASON JAR TEST	6	AS	1079.5APPA	2003		155
T29K	CHEMICAL PENETRATION - SETUP	15	EN	368	1992		344
T29K	CHEMICAL PENETRATION - SETUP	15	AS	3765.2	1990		344
			ISO	6530	1990		
T29KX	CHEMICAL PENETRATION PER CHEM	15	EN	368	1992		398
			AS	3765.2	1990		
			ISO	6530	1990		
T29P	PERMITIVITY-GEOTEXTILES	10	AS	3706.9	2012		563
T29PS	GEOTEXTILES - PORE SIZE	15	AS	3706.7	2003		679
T29W	WICKING	7	GMH	HN0216	1989	4 specimens in each direction 200 x 50mm	103
T30	FIBRE DIAMETER & MEDULLATION	8	IWTO	8	1997		180
			IWS	24	1996		
			ISO	137	1975		
			BS	2043	1993		
			AS	2001.2.1	1988		
T30L	FIBRE DIAMETER - LASERSCAN	4	ASTM	D3992	1994		
			IWTO	12	1998		31

Code	Test Description	Lead Time	Body	Standard	Year	Specimen	2013/14 Price ex-GST
T31	EXTRACTABLE MATTER-PILE YARN	6	IWTO	10	1962	Minimum 30g	110
			IWS	136	1996		
			TWC	136	2009		
			BS	3582	1990		
			AS	2001.3.4	1995		
			ASTM	D2257	OOD		
T31B	EXTRACTABLE MATTER-BACKING	6	AS	2001.3.4	1995	Minimum 30g	110
T31S	CORRECTED PILE MASS	6	AWTA	50	1992	Minimum 30g	POA
			AS	2111.11	1996		
			AS	2111.4	1996		
T31U	EXTRACTABLE MATTER-UNDERFELT	8	AS	2001.3.4	1995		110
T32	SURFACE PILE MASS	7	TWC	234	2009	4 specimens 200 x 200mm	102
			TWC	277	2009		
			AS	2111.4	1990		
			BS	4223	1989		
			ISO	8543	1998		
			ASTM	D5848	1998		
T32R	SURFACE & MOISTURE-ACCS MOD	7	AS	2111.4	1996	4 specimens 200 x 200mm	128
T32S	FULL STD ALLOW -REQ T31S(AS	8	AS	2111.4	1996	4 specimens 200 x 200mm	216
T33A	TOTAL CARPET THICKNESS	6	ISO	1765	1986	4 specimens 200 x 200mm	52
			AS	2111.1	1996		
			BS	4051	1987		
			ASTM	D5848	1998		
T33B	PILE THICKNESS (WITH SPM)	6	TWC	142	2009	4 specimens 200 x 200mm	51
			ISO	1766	1999		
			AS	2111.5	1996		
			BS	4051	1987		
			ASTM	D5848	1998		
T33C	PILE HEIGHT (USING GAUGES)	6	TWC	20	2009		55
T33D	PILE THICKNESS (SEPARATE TEST)	6	TWC	142	2009	4 specimens 200 x 200mm	74
			ISO	1766	1999		
			AS	2111.5	1996		

Code	Test Description	Lead Time	Body	Standard	Year	Specimen	2013/14 Price ex-GST
T34	TUFT WITHDRAWAL FORCE	7	TWC	202	2009	5 specimens 130 x 200mm	93
			AS	2111.15	1996		
			ISO	4919	1978		
			BS	5229	1982		
			ASTM	D1335	1998		
T34B	TUFT WITHDRAWAL -LATERAL	12	ISO	SC12 N248	1985		POA
T35A1	C/F TO LIGHT XENON ARC-GENERAL	15	TWC	5	2008		126
			AS	2687	1997		
			BS	1006-B02	OOD		
			EN	105-B02	1999		
			ISO	105-B02	1994		
			AATCC	16E	1998		
			AS	2001.4.B02	2001		
AS	O.O.D	1997					
T35A2	C/F TO LIGHT XENON ARC-CARPETS	15	TWC	133	2009		126
			BS	20105	1995		
			BS	1006-B02	OOD		
			ISO	105-B02	1994		
			ISO	105-B02	1994		
			AATCC	16E	1998		
T35B	C/F TO LIGHT-MBTF	16	AS	2001.4.21	2006		104
			DEF	5037-C3	1987		
			AS	AS	2006		
			AS	O.O.D	2006		
			T35BD	C/F TO LIGHT (AFTER WAS	10		
T35C	C/F TO LIGHT-WEATHERING	25	ISO	105-B04	OOD		POA
T35D	C/F TO DAYLIGHT	99	ISO	105-B01	OOD		142
			AS	2001.4.B01	2005		
T35D1	OUTDOOR WEATHERING 10500 LANGLEYS	40	HN	68	1987		POA
T35D2	OUTDOOR WEATHERING 21000 LANGLEYS	60	HN	68	1987		POA
T35D3	OUTDOOR WEATHERING 30000 LANGLEYS	80	HN	68	1987		POA
T35D4	OUTDOOR WEATHERING 55000 LANGLEYS	120	HN	68	1987		POA

Code	Test Description	Lead Time	Body	Standard	Year	Specimen	2013/14 Price ex-GST
T35D5	OUTDOOR WEATHERING 80000 LANGLEYS	160	HN	68	1987		POA
T35D6	OUTDOOR WEATHERING 110000 LANGLEYS	220	HN	68	1987		POA
T35E	C/F TO LIGHT XENON - 500kJ/m2	16	SAE	J1960	2004	2 x Min 170mm x 145mm exposure area. (for use when rated against original part)	POA
T35E1	C/F TO LIGHT XENON - 1000kJ/m2	28	SAE	J1960	2004	2 x Min 170mm x 145mm exposure area. (for use when rated against original part)	POA
T35E2	C/F TO LIGHT XENON - 2000kJ/m2	53	SAE	J1960	2004	2 x Min 170mm x 145mm exposure area. (for use when rated against original part)	POA
T35E3	C/F TO LIGHT XENON - 3000kJ/m2	77	SAE	J1960	2004	2 x Min 170mm x 145mm exposure area. (for use when rated against original part)	POA
T35E4	C/F TO LIGHT XENON - 4000kJ/m2	109	SAE	J1960	2004	2 x Min 170mm x 145mm exposure area. (for use when rated against original part)	POA
T35Q	QUV	60	AS	G154	2006		POA
T35QA	QUV EXPOSURE	40	HN	276	1997		POA
T35X1	C/F TO LIGHT-MBTF - 200hrs	18	AS	2001.4.21	1979		119
T35X2	C/F TO LIGHT-MBTF - 300hrs	23	AS	2001.4.21	1979		174
T35X3	C/F TO LIGHT-MBTF - 400hrs	28	AS	2001.4.21	1979		230
T35X4	C/F TO LIGHT-MBTF - 500hrs	33	AS	2001.4.21	1979		281
T35X5	C/F TO LIGHT-MBTF - 1000hrs	58	AS	2001.4.21	1979		552
T35Y1	C/F TO LIGHT XENON ARC-200HRS	18	BS	1006-B02	OOD		POA
			EN	105-B02	1999		
			ISO	105-B02	1994		
T35Y2	C/F TO LIGHT XENON ARC-300HRS	23	BS	1006-B02	OOD		POA
			EN	105-B02	1999		
			ISO	105-B02	1994		
T35Y3	C/F TO LIGHT XENON ARC-400HRS	28	BS	1006-B02	OOD		POA
			EN	105-B02	1999		
			ISO	105-B02	1994		
T35Y4	C/F TO LIGHT XENON ARC-500HRS	33	BS	1006-B02	OOD		POA
			EN	105-B02	1999		
			ISO	105-B02	1994		
T35Y5	C/F TO LIGHT XENON ARC-1000hrs	58	BS	1006-B02	OOD		POA
			EN	105-B02	1999		
			ISO	105-B02	1994		

Code	Test Description	Lead Time	Body	Standard	Year	Specimen	2013/14 Price ex-GST
T35Z	C/F TO LIGHT XENON - 112kJ/m2	6	ISO SAE	105-B06M5 J1885	1998 2005	2 x Min 170mm x 145mm exposure area. (for use when rated against original part)	POA
T35Z1	C/F TO LIGHT XENON -225 kJ/m2	8	ISO SAE	105-B06M5 J1885	1998 2005	2 x Min 170mm x 145mm exposure area. (for use when rated against original part)	POA
T35Z2	C/F TI LIGHT XENON - 500kJ/m2	14	ISO SAE	105-B06M5 J1885	1998 2005	2 x Min 170mm x 145mm exposure area. (for use when rated against original part)	POA
T35Z3	C/F TO LIGHT XENON - 800 kJ/m2	20	ISO SAE	105-B06M5 J1885	1998 2005	2 x Min 170mm x 145mm exposure area. (for use when rated against original part)	POA
T35Z4	C/F TO LIGHT XENON - 1200kJ/m2	28	ISO SAE	105-B06M5 J1885	1998 2005	2 x Min 170mm x 145mm exposure area. (for use when rated against original part)	POA
T35Z5	C/F TO LIGHT XENON - 2000kJ/m2	45	ISO SAE	105-B06M5 J1885	1998 2005	2 x Min 170mm x 145mm exposure area. (for use when rated against original part)	POA
T35Z6	C/F TO LIGHT XENON - 3000kJ/m2	66	ISO SAE	105-B06M5 J1885	1998 2005	2 x Min 170mm x 145mm exposure area. (for use when rated against original part)	POA
T36	C/F TO WASHING	7	AATCC TWC TWC AS AS AS ISO FTMS AS DEF	61 193 250 1906.4 2687 3789.6 105-CO1/5 191/5610.1 2001.4.15 5037-C10-6	2003 2009 2009 2010 2006 2006 1990 1989 2006 1987	1 specimen A4 Size	68
T36B	C/F TO SEVERE WASHING	7	IWS ISO	193 105-C06	1996 1994	1 specimen A4 Size	103
T37A	CHEMICAL ASSAY IR AGENT	15	TWC WRONZ CSIRO	27 COMM C80 TBA	2009 1983		173
T37B	CARPET BEETLE RESISTANCE	15	AS AS	2001.6.1 2001.6.1	1980 1980		264
T37C	I.R.AGENT FASTNESS	20	IWS TWC	28 28	1997 2008		POA

Code	Test Description	Lead Time	Body	Standard	Year	Specimen	2013/14 Price ex-GST
T38	CASTOR CHAIR TEST	12	BS	985	2001		233
T38A	HHC STAINING & CLEANABILITY	10	AWTA	HHC1	2003	2.0m ²	353
T38B	HHC DRYING CHARACTERISTICS	10	AWTA	HHC2	2003	2.0m ²	242
T38C	HHC DRAG RESISTANCE	10	AWTA	HHC3	2003	1.0m ²	280
T38D	HHC WHEEL IMPENDENCE	10	AWTA	HHC4	2003	1.0m ²	425
T38E	HHC SURVIVAL OF ORGANISMS	20	AWTA	HHC5	2003	1 specimen A4 size	969
T38F	HHC RESISTANCE TO CRACKING	10	AWTA	HHC6	1998	3 specimens 200 x 200mm	579
T38G	HHC DIMENSIONAL STABILITY	10	AWTA	HHC7	1998	3 specimens 400 x 400mm	154
T38H	HHC WATER PENETRATION	10	AWTA	HHC8	1998	4 specimens 150 x 150mm	129
T39	ELECTROSTATIC PROPENSITY-STROL	20	AATCC	134	2006	1.5m ²	384
			ISO	6356	1982		
T39B	SURFACE RESISTANCE - GIGAOHM	10	BS	2050	1978	1.5m ²	87
			AS	4155.6	1993		
			AS	4155.6	1993		
			BS	6524	1984		
			AS	2834-APP D	1995		
T39C	BULK RESISTANCE - GIGAOHM	10	BS	2050	1978	1.5m ²	87
			AS	4155.6	1993		
			AS	4155.6	1993		
			AS	2834-APP D	1995		
T40A	TUFTS PER UNIT AREA	6	IWS	140	1996	4 specimens 150 x 150mm	57
			ISO	1763	1986		
			AS	2111.9	1996		
			BS	4223	1989		
			ASTM	D5848	1998		
T40B	MASS PER UNIT AREA-CARPETS	6	AS	2111.3	1996	4 specimens 200 x 200mm	73
			BS	4223	1989		
			ISO	8543	1998		
			ASTM	D5848	1998		
T40C	WOVEN CARP YARN ANAL-PER TYPE	10	BS	2865	1984		295
			ISO	7211/5	1984		

Code	Test Description	Lead Time	Body	Standard	Year	Specimen	2013/14 Price ex-GST
T40E	TUFT AND/OR LOOP LENGTH	6	AS	2111.6	1996		POA
			AS	2111.6	1996		
			AS	2111.6	1996		
			AS	2111.7	1996		
			AS	2111.7	1996		
T40F	BACKING FABRIC ANAL.TUFTED	6	ASTM	D2646	1996		POA
T41	FIBRE ANALYSIS OF PILE	8	TWC	155	2009	minimum 50g	136
			AS	2001.7	2005		
			BS	4407	1995		
			ISO	5088	1976		
			AATCC	20A	2000		
T41/2	FIBRE ANALYSIS - 2 FIBRES	8	TWC	155	2009	minimum 50g	187
			AS	2001.7	2005		
			BS	4407	1995		
			ISO	5088	1976		
			AATCC	20A	2000		
T41/3	FIBRE ANALYSIS - 3 FIBRES	9	TWC	155	2009	minimum 50g	320
			AS	2001.7	2005		
			BS	4407	1995		
			ISO	5088	1976		
			AATCC	20A	2000		
T42A	TOTAL PILE MASS-DISSECTION	9	TWC	21	2009	4 specimens 150 x 150mm	112
			AS	2111.11	1996		
			BS	4223	1989		
			ISO	8543	1998		
T42AR	TPM & MOISTURE (MODIFIED)	9	AS	2111.11	1996	4 specimens 150 x 150mm	140
T42B	TOTAL PILE MASS-100 TUFT	6	BS	4223	1989		POA
T42C	TOTAL PILE MASS-ESTIMATED	6	AS	2111.1	1983		POA
			BS	4223	1989		
T42D	TOTAL PILE MASS-CHEM T41 REQ??	12	AWTA	50	1994	5 specimens 200 x 200mm	210
			AS	D418(MOD)	OOD		
			ASTM	D5848	1998		

Code	Test Description	Lead Time	Body	Standard	Year	Specimen	2013/14 Price ex-GST
T42DR	TPM CHEMICAL & MOISTURE (MOD)	12	AWTA	50	1994	5 specimens 200 x 200mm	238
			AS	D418(MOD)	OOD		
			ASTM	D5848	1998		
T43	COMPRESSION & RECOVERY	6	AS	2111.17	1996		147
			BS	4098	1988		
			GMH	HN0216	1989		
T44A	DYNAMIC LOADING	7	IWS	123	1992		111
			ISO	2094	1999		
			AS	2111.2	1996		
			BS	4052	1987		
T44AG	DYNAMIC LOADING - A*C*C*S	7	AS	2111.2	1996		76
T44B	TETRAPOD WALKER	7	IWS	237	1980		202
T44D2	HEXAPOD TEST - 1.5+8 OR 2+12 K	10	TWC	247/251	2009	4 specimens 210 x 200 mm & 2 specs 200 x 130	142
T44D3	HEXAPOD TEST - 2+8+12 K REVS	10	TWC	247/251	2009	6 specimens 210 x 200 mm & 3 specs 200 x 130	192
T44D4	HEXAPOD TEST - 8+16 K REVS	10	TWC	247/251	2009	4 specimens 210 x 200 mm & 2 specs 200 x 130	174
T44D5	HEXAPOD TEST - 2+8+16 K REVS	10	TWC	247/251	2009	6 specimens 210 x 200 mm & 3 specs 200 x 130	222
T44D6	HEXAPOD TEST- 2+8+12+16 K REVS	10	TWC	247/251	2009	8 specimens 210 x 200 mm & 4 specs 200 x 130	302
T44DL	HEXAPOD TEST - 8 OR 12 K REVS	10	TWC	247/251	2009	2 specimens 210 x 200 mm & 2 specs 200 x 130	103
T44DS	HEXAPOD TEST - 1.5 OR 2 K REVS	10	TWC	247/251	2009	2 specimens 210 x 200 mm & 2 specs 200 x 130	96
T44E	USOMETER (PILLING + FUZZING)	10	IWS	253	1996	2specimens 230mm ² 2specs 210 (warp) x 200mm	181
			TWC	253	2005		
			WNZ	253	1997		
T44F	VELCRO ROLLER TEST	6	AWTA	75	2002	1 specimen 400 x 400mm	65
T45A	FLAMMABILITY-METHENAMINE PILL	6	IWS	141	1972	8 specimens 230 x 230mm	114
			AS	2111.18	1980		
			AS	2404	1980		
			BS	6307	1993		
			ISO	6925	1982		
			ASTM	D2859	2006		
T45B	FLAMMABILITY-HOT NUT TEST	10	BS	4790	1987		129
T45C	FLOORING RADIANT PANEL TEST	30	AS	9239-1	2003	3/direction each 230 x 1050mm	468
			ISO	9239-1	2002	3/direction each 230 x 1050mm	
			ASTM	E648	1999	3/direction each 230 x 1050mm	

Code	Test Description	Lead Time	Body	Standard	Year	Specimen	2013/14 Price ex-GST
T45CC	CRITICAL HEAT WITH CIAL	25	AS	9239.1	2003	3/direction each 230 x 1050mm	921
T45D	BULK DENSITY	5	AS	2462.2	1981		POA
T45E	HEAT TRANSFER INDEX	10	EN	367	1992		221
			AS	4502.2	1997		
			ISO	9151	1995		
			CEN	REP BS	1990		
T45G	CONE CALORIMETER	20	AS	3837	1998	10 each 100 x 100mm	1,000
			ISO	5660-1	2002	10 each 100 x 100mm	
			ASTM	E1354	2003	10 each 100 x 100mm	
T45GG	CONE CALORIMETER-1 SPEC GUIDE	20	AS	3837	1998		299
			ISO	5660	2002		
T45I	THERMAL INSUL FLAMM PROPERTIES	7	BS	5803.4	1985		428
T46A	LEATHER - CHROME CONTENT	10	BS	1309-PART8	1988		POA
T47	LEATHER - SHRINKAGE TEMP	6	BS	3144	1968		POA
T48	LEATHER - BENDING FORCE	8	IWS	226	1992	4 each way 80 x 20mm (4 pairs)	POA
T48A	LEATHER-COEFF.OF FRICTION	10	MIT	ES-X83217	1989		181
T49A	LEATHER - WATER SOLUBLES	8	IWS	159	1987	2 x 10g specimens	POA
			BS	1309-PART5	1988		
T49B	FLEECE PILE HEIGHT GAUGES	6	TWC	20	2009		POA
			BS	1309	1988		
T50	C/F TO WATER	6	TWC	6	2009		59
			AATCC	107	2002		
			AATC	163	2002		
			AS	2687	1997		
			BS	1006-E01	OOD		
			ISO	105-E01	1994		
			AS	2001.4.E01	2001		
			DEF	5037-C4	1987		
AS	3789.6	1996					

Code	Test Description	Lead Time	Body	Standard	Year	Specimen	2013/14 Price ex-GST
T51A	C/F TO PERSPIRATION-ACID	6	AATCC	15	2002		58
			IWS	175	1996		
			AS	1906.4	2010		
			AS	2687	1997		
			ISO	105-E04	1994		
			AS	2001.4-E04	2005		
			DEF	5037-C5	1987		
AS	3789.6	1996					
T51B	C/F TO PERSPIRATION-ALKALINE	6	TWC	174	2009		58
			AS	1906.4	2010		
			AS	2687	1997		
			ISO	105-E04	1994		
			AS	2001.4.E04	2005		
			DEF	5037-C5	1987		
T52A	C/F TO RUBBING-GENERAL	6	AATCC	8	2001		51
			IWS	165	1996		
			TWC	165	2009		
			AS	2687	1997		
			AS	3789.6	1996		
			ISO	105-D02	1993		
			ISO	105-X12	2001		
			FTMS	191/5651.1	1989		
			AS	2001.4.3	1995		
DEF	5037-C9	1987					
T52B	C/F TO RUBBING-CARPETS	6	AATCC	116	2001		51
			TWC	232	2009		
			ISO	105-X12	2001		
			AS	2111.19.1	1996		
T52L	C/F TO RUBBING - LEATHER	6	AATCC	116	2001		56
			AS	2001.4.3	1995		
T52L1	C/F TO RUBBING DRY/WET	6	SLTC	SLF5			
			ISO	11640	1993		77

Code	Test Description	Lead Time	Body	Standard	Year	Specimen	2013/14 Price ex-GST
T52L2	C/F TO RUBBING PERSPIRATION	6	ISO	11640	1993		77
T53	C/F TO DRYCLEANING	8	AATCC AS ISO FTMS AS DEF DEF	132 2687 105-D01 191/5621 2001.4.16 5037-C7 5037-C7B	2003 1997 1993 1989 1981 1987 1987		74
T54	C/F TO SEA WATER	6	AATCC BS ISO AS DEF	106 1006-E02 105-E02 2001.4.E02 5037-C6	2002 OOD 1994 2001 1987		76
T55	C/F TO CHLORINATED WATER	8	BS ISO AS	1006-E03 105-E03 2001.4.5	OOD 1994 1998		99
T55B	C/F TO CHLORINE BLEACHING	8	AS	2001.4.11	1982		99
T56	C/F TO SHAMPOO SOLUTION	6	TWC AS AS	233 2687 2111.19.2	2009 1997 1996		67
T57	WIRA CARPET ABRASION (20K)	7	IWS	122	1996	1 x A4 size	102
T57M	WIRA CARPET ABRAS.-MASS MEAS.	7	TWC	283	2009	1 x A4 size	102
T57MX	WIRA ABRAS.-MASS- EA ADD 10K	8	TBA				33
T57P	FUZZ & PILL PROP OF CARPETS	8	AWTA	64	1994		93
T57X	WIRA CARPET ABRAS. -EA ADD 10K	8	TBA				50
T58	BOND STRENGTH	7	IWS TWC AS BS ASTM	264 264 2111.16 7399 D3936	OOD 2009 1996 1991 2000		112
T58A	BOND STRENGTH AUTO	8	AS	2724	1987		150
T59A	DIM. STABILITY - MECH. FORCES	7	IWS	128	1992	5 specimens each way 200 x 50mm	139
T59B	DIM.STABILITY-AMB.HUMIDITY	14	BS	4682.2	1988	3 whole tiles or 3 x 300 x 300mm	105

Code	Test Description	Lead Time	Body	Standard	Year	Specimen	2013/14 Price ex-GST
T59C	DIM.STABILITY-HEAT & WATER	12	AWTA	56	2000		154
			ISO	2551	1981		
			ISO	17984	2001		
T59D	DIM.STABILITY -WATER	8	BS	4682.4	1987		105
			ISO	17984	2001		
T59E	DIM.STABILITY-HEAT	8	BS	4682.3	1987		103
			ISO	17984	2001		
T59G	DIMENSIONAL STABILITY AUTO	10	SAE	J883	1994	3 specimens 300 x 300mm	209
T62A	STATIC LOADING-SHORT TERM	7	IWS	124	1992	5 specimens 100 x 100mm	102
			AS	2111.13	1996		
T62B	STATIC LOADING-LONG TERM	8	IWS	222	1974	5 specimens 100 x 100mm	103
			AS	2111.14	1996		
			ISO	3416	1986		
			BS	4939	1987		
T62BG	STATIC LOADING - L/T - A*C*C*S	8	AS	2111.14	1996	2 specimens 100 x 100mm	76
T63	ODOUR	10	SAE	1351	1993	2 specimens 250 x 250mm	114
			GMH	GM9130P	1988		
T63A	MILDEW RESISTANCE	16	GMH	2034.1	2005	2 specimens 75 x 75mm	108
T63D	MILDEW AND ODOUR	20	GMH	HN0028	2004		404
T63E	FOAM LAMINATE CURL	9	GMH	HN9330	1997	3specs in length direction 300 long x 25mm wide	214
T63F	CLEANABILITY	8	GMH	GM0057	1986		114
T64A	C/F TO WATER SPOTTING	10	ISO	15700	1998	Minimum size 40 x 100mm	65
			ISO	105-E07	1990		
			AS	2001.4.4	1998		
			SLTC	SLP9			
T64B	C/F TO ALKALI SPOTTING	10	AS	2001.4.9	1981		73
T64C	C/F TO ACID SPOTTING	10	AS	2001.4.12	1981		73
T65	C/F TO DRY HEAT	10	AATCC	117	1999	1 specimen 120 x 120 mm	73
			ISO	105-P01	1993		
T66	C/F TO HOT PRESSING	10	AATCC	133	1999	1 specimen 120 x 120 mm	103
			ISO	105-X11	OOD		
			AS	2001.4.6	1990		
T68	TWIST SET RETENTION	8	IWS	TIL46	1976		177

Code	Test Description	Lead Time	Body	Standard	Year	Specimen	2013/14 Price ex-GST
T68B	TEXTURE HOT WATER SPILLAGE	7	TWC	257	2009	1 specimen 300 x 300mm	65
T68D	TEXTURE COLD WATER SPILLAGE	6	TWC	256	2009	1 specimen 300 x 300mm	65
T71A	HDPE WOOLPACK-DIMENS/MASS/ETC	10	AS	4546	1999		93
			AWEX	STD 1	1996		
T71C	NYLON WOOLPACK-DIMENS/MASS/ETC	10	AS	4546	1999		93
			AWEX	STD 3	2000		
T72	WOOLPACK-UV STABILITY	12	AWEX	33	2000	4 specimens 200 x 70 mm	134
T73	WOOLPACK-FIBRILLATION	10	AWEX	34	1996		93
			AS	4546	1999		
			AS	4547.1	1999		
T74	WOOLPACK-SURFACE FRICTION	10	AWEX	35	2000		212
			AS	4546	1999		
			AS	4547.3	2004		
			BS	342410	1987		
T74A	WOOLPACK-STIFFNESS OF FABRIC	10	AS	2001.2.9	1977	4 specimens 25 x 250 mm from each side of pack	104
T75	WOOLPACK-HEAT STABILITY	10	AWEX	36	2000		78
			AS	4547.2	2004		
			AS	4646	1999		
T76	WOOLPACK-BREAKING LOAD	10	AWEX	30	2000	4 specimens each way 470 x 70mm	104
			AS	4546	1999		
T77	WOOLPACK-SEAM STRENGTH	10	AWEX	31	2000		86
			AS	4546	1999		
T77A	WOOLPACKS-STITCHING REQUIREMNT	10	AS	4546	1999		78
			AWEX	WP	2000		
T78	WOOLPACK-TEAR STRENGTH	10	AWEX	32	2000		111
			AS	4546	1999		
T80	WOOLPACK-LOAD/EXTENSION	10	AWEX	38	2000		20
			AS	4546	1999		
T81	FOAM-THICKNESS/DENSITY	8	AS	2282.4	1999		72
			AS	2111.1	1996		
T81A	UNDERLAY - THICKNESS	6	BS	4051	1987	Full width x 100mm	46
			AS	4288	2003		
			BS	5808	1991		

Code	Test Description	Lead Time	Body	Standard	Year	Specimen	2013/14 Price ex-GST
T81B	UNDERLAY-MASS/UNIT AREA	6	AS	2111.3	1996	4 specimens 200 x 200 mm	76
			BS	4223	1989		
T81C	FOAM-DENSITY CALCULATION	6	AS	2282.3	1999		72
T81D	FOAM-COMPRESSION/RECOVERY	10	BS	4098	1988		178
			BS	5808	1991		
			AS	2282.12A	1999		
T81E	FOAM-COMPRESSION SET	10	AS	2282.9	1999		117
T81F	FOAM CELL COUNT	10	AS	2282.5	1999		66
T81G	FOAM-BOND STRENGTH	10	AS	2111.16	1991		192
T81H	FOAM-ACCELERATED AGEING	10	AS	2282.1	1999		42
T81HX	FOAM ACCELERATED AGEING	14	AS	2282.1	1999		47
T81I	FOAM-BEND TEST	10	AS	2282.8	1999		178
			BS	5808	1991		
			AS	4288(INT)	2003		
T81J	UNDERLAY-BREAK/EXTENSION	7	AS	4288	2003	6 specimens each way 300 x 50mm	101
			BS	5808	1991		
			AS	2001.2.3.1	2001		
T81K	UNDERLAY-STATIC LOADING	8	AS	2111.14	1996	5 specimens 100 x 100mm	76
			AS	4288	2003		
			BS	4939	1987		
			BS	5808	1991		
T81L	UNDERLAY-DYNAMIC LOADING	6	BS	2094	1999	3 specimens 150 x 125 mm (125mm in warp) 3 specimens 150 x 125 mm (125mm in warp)	76
			AS	2111.2	1996		
			AS	4288	2003		
			BS	5808	1991		
T81M	UNDLAY-W.O.C. LOSS INCL T81L	6	BS	4098	1988	3 specimens 150 x 125 mm (125mm in warp)	180
			AS	4288	2003		
			BS	5808	1991		
T81N	FOAM TEAR RESISTANCE	8	AS	2282.7	1999		112
T81P	FOAM TENS STRENGTH & ELONG	8	AS	2282.6	1999		117
T81R	FOAM - RESISTANCE	8	AS	2282.11	1999		53
T81T	FOAM THICKNESS	8	AS	2282.2	1999		75
T82K0	S/FASTNER SECURITY-LONGELEMNT	7	AS	2332 APP-J	2003		104

Code	Test Description	Lead Time	Body	Standard	Year	Specimen	2013/14 Price ex-GST
T82K1	S/FASTNER - PULLER	7	AS	2332 APP-A	2003	3 zips minimum	104
T82K2	S/FASTNER - BOTTOM STOP	7	AS	2332 APP-B	2003	3 zips minimum	104
T82K3	S/FASTNER - TOP STOP	7	AS	2332 APP-C	2003	3 zips minimum	104
T82K4	S/FASTNER - OPEN END BOX	7	AS	2332 APP-D	2003	3 zips minimum	104
T82K5	S/FASTNER - RECIPROCATING	7	AS	2332 APP-E	2003	3 zips minimum no shorter than 300mm length	104
T82K6	S/FASTNER - LATERAL STRENGTH	7	AS	2332 APP-F	2003	3 zips minimum	104
T82K7	S/FASTNER LAT STRNGH OPEN END	7	AS	2332 APP-G	2003	3 zips minimum	104
T82K8	S/FASTNER - SLIDER LOCK	7	AS	2332 APP-H	2003	3 zips minimum	104
T82K9	S/FASTNER SECURITY-LAT-ELEMENT	7	AS	2332 APP-I	2003	3 zips minimum	104
T83A	BUOYANCY	10	AS	1900	2002		92
			AS	2259 APPA	1996		
T83H	STRENGTH OF FASTENING	10	AS	2259 APP H	1996		66
T83I	EXPOSURE TO KEROSENE	10	AS	2259 APP I	1996		123
T83J	RESISTANCE TO CRUSHING	10	AS	2259.3.2	1996		115
T83K	RESISTANCE TO HEAT	14	AS	1900	2002		237
			AS	2259.3.3	1996		
T84	FOGGING TEST	10	GMW	3235	2011		264
			MIT	ESX83231	1995		
			ISO	FDIS6452	2000		
			GMH	GM9305P	1992		
			SAE	J1756	2006		
			TOY	TSM0503G	2010		
T85C	PHENOLIC YELLOWING	5	AWTA	70	1996		121
			TARGET	TP19	2002		
T86	SOILING PROPENSITY	10	IWS	267	1992		167
			ISO	11378	2001		
			ASTM	D6540	2000		
T86A	STAINING PROP - NO HEXAPOD	10	IWS	282	1992		104
			ISO	FDIS 13750	2000		
T86B	OIL & WATER REPL - CARPETS	10	TWC	258	2009		102
			3M	TEST I&II	1988		
T86C	STAINING PROP: BEF/AFT HEXAPOD	10	IWS	282	1992		231

Code	Test Description	Lead Time	Body	Standard	Year	Specimen	2013/14 Price ex-GST
T86D	STAIN RESISTANCE	10	AATCC	175	2003		158
T87	HYDROGEN SULPHIDE STAINING	10	FORD GMH	AN102-01 HN0058	1990 1986		148
T88A	BEND TEST CLAUSE 2.4.2	10	AS	1906.1	1993		110
T88B	IMPACT TEST CLAUSE 2.4.3	10	AS	1906.1	1993		110
T88C	SCRATCH RESIST CLAUSE 2.4.4	10	AS	1906.1	1993		110
T88D	SHRINKAGE CLAUSE 2.4.5	10	AS	1906.1	1993		110
T88E	WRINKLING CLAUSE 2.4.6	15	AS	1906.1	1993		901
T88F	SOLVENT RESIST CLAUSE 2.4.7	10	AS	1906.1	1993		110
T88G	ADHESION BOND DRY/WET CL 2.5.3	10	AS	1906.1	1993		110
T88H	PROTECTIVE LINER CLAUSE 2.5.4	10	AS	1906.1	1993		110
T88I	RESIST TO SEA SALT CL 2.6.4	15	AS	1906.1	1993		901
T89A	OVEN AGEING - 1 WEEK	9	AWTA	72	1998		148
T89B	OVEN AGEING - 2 WEEKS	16	AWTA	72	1998		296
T89C	OVEN AGEING - 4 WEEKS	30	AWTA	72	1998		591
T89E	ENVIRONMENTAL CHAMBER (PRICE/DAY)		TBA				773
T89Q	SALT FOG	15	AS	B117	2009		POA
T89QA	HUMIDITY TEST IN Q FOG	15	HN	256	1997		POA
T89QB	ACID RAIN TEST IN QFOG	15	TBA				POA
T90BG	BREAKING FORCE GRAB	8	EN AS	1421 4878.6	1998 2001		103
T90BS	BREAKING FORCE STRIP	8	EN AS	1421 4878.6	1998 2001		112
T90C	COATING ADHESION	8	ISO AS ISO BS SLTC	2411 4878.8 11644 3424.7/9 SLF11	1991 2001 1993 1982 1967		197
T90D	FLEX CRACKING RESISTANCE	8	AS AS ISO	1906.4 4878.9 7854	2010 2001 1995		127

Code	Test Description	Lead Time	Body	Standard	Year	Specimen	2013/14 Price ex-GST
T90E	HEAT RESISTANCE (BLOCKING)	8	AS	4878.11	2001		103
			ISO	5978	1990		
			BS	25978	1993		
			AS	2663 APP F	1983		
			DEF	5037-A26	1987		
T90F	PLASTICISER EVAPORATION	8	BS	3424-14A	1985		106
T90K	THICKNESS (T10)	6	AS	4878.4	2001		69
			ISO	2286-3	1998		
			BS	3424.23/26	1987		
T90L	FLEXING ENDURANCE ADHESION	6	ISO	5402	2002		197
T90M	COLD CRACKING	6	AS	1441.14	1973		60
			AS	1906.4	1997		
T90NE	TEAR RESISTANCE ELMANDORF	7	AS	4878.7	2001		103
T90NS	TEAR RESISTANCE SINGLE	7	AS	4878.7	2001		118
T90NT	TEAR RESISTANCE TONGUE	7	AS	4878.7	2001		118
T90P	BURSTING STRENGTH MULLENS	8	AS	4878.5	2001		90
T90PB	BURSTING STRENGTH BALL	8	AS	4878.5	2001		113
T91A	UV EXPOSURE/UNIT - 1 WEEK - SC	10	AWEX	33	2000		63
			AS	2001.4.21	2006		
T91B	UV EXPOSURE/UNIT - 2WEEKS - SC	17	AWEX	33	2000		125
			AS	2001.4.21	2006		
T91C	UV EXPOSURE/UNIT - 4WEEKS - SC	30	AWEX	33	2000		246
			AS	1906.4	1997		
			AS	2001.4.21	2006		
T91C1	UV EXPOSURE/UNIT - 6 WEEKS	40	AWEX	33	2000		387
			AS	2001.4.21	2006		
T91D	UV EXPOSURE/UNIT - 8WEEKS - SC	50	AWEX	33	2000		494
			AS	2001.4.21	2006		
T91E	UV EXPOSURE/UNIT - 12WEEK - SC	70	AWEX	33	2000		740
			AS	2001.4.21	2006		
T91F	UV EXPOSURE/UNIT - 20WEEK - SC	99	AWEX	33	2000		1,230
			AS	2001.4.21	2006		

Code	Test Description	Lead Time	Body	Standard	Year	Specimen	2013/14 Price ex-GST
T94A	RESISTANCE TO DRY DELAMINATION	10	AS	4201.1	1994		141
T94B	RESISTANCE TO WET DELAMINATION	10	AS	4201.2	1994		141
T94C	SHRINKAGE	25	AS	4201.3	1994		633
T94D	RESIST TO WATER PEN	10	AS	4201.4	1994		141
T94E	EMITTANCE	15	AS ASTM	4201.5 E408	1994 2002	1 each 200 x 300mm (A4)	293
T94F	WATER ABSORBENCY	10	AS	4201.6	1994		141
T94G	FOLDING ENDURANCE	15	AS	1301.428	1997		491
T94H	SURFACE CORRSN / WET DELAMTION	20	AS	4859.1	2002		648
T94R	REFLECTANCE	10	ASTM	E903	1996		175
T94T	TRANSMISSION	10	ASTM	E903	1996		175
T95	LOW TEMPERATURE IMPACT	6	FORD	151-01(B)	1990		84
T96	PAINT SPOTTING	6	FORD	113-01	1997		76
T98	SCOURABILITY OF BRANDS	95	AS	4054	1992		1,169
T99A	EMPA 105 - MS57 PURCHAS	6	AWTA	N/A			61
T99B	EMPA 105 - COLOUR EVALUATION	6	AS	4146	2000		75
T99C	EMPA #224 - MS63 PURCHASE	6	AWTA	N/A			83
T99D	TENSILE STRENGTH PROPERTIES	8	AS ISO	4146 4312	2000 1989		104
T99E	FLUIDITY EVALUATION (F20)	12	AS ISO	4146 4312.9	2000 1989		233
T99F	COLOUR EVALUATION - EMPA #224	6	AS ISO	4146 4312	2000 1989		75
T99G	ASH CONTENT	6	AS AS ISO	2282.16 4146 4312.7	1999 2000 1989		113

Code	Test Description	Lead Time	Body	Standard	Year	Specimen	2013/14 Price ex-GST
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WOOLMARK SERIES

TM004	TENSILE STRENGTH	7	TWC	TM4	2000		107
			TWC	TM4	2009		
TM005	COLOURFASTNESS TO LIGHT	10	TWC	TM5	2009		119
TM006	COLOURFASTNESS TO WATER	7	TWC	TM6	2009		56
TM013	MASS PER UNIT AREA	6	TWC	TM13	2009		64
TM015	SURFACE PILE WEIGHT	7	TWC	TM15	2000		96
TM020	PILE HEIGHT	6	TWC	TM20	2009		68
TM021	TOTAL PILE WEIGHT	6	TWC	TM21	2009		107
TM024	FIBRE DIAMETER	8	TWC	TM24	2009		172
TM027	INSECT RESISTANCE	15	TWC	TM27	2009		206
TM028	I.R. FASTNESS PART OF TM27	15	TWC	TM28	2008		466
TM029	BURST STRENGTH	8	TWC	TM29	2009		84
TM031	WASHING OF WOOL		TWC				POA
TM032	FELTING PROP OF WOOL FILLS	7	TWC	TM32	2009		155
TM112	ABRASION	12	TWC	TM112	2009		110
TM117	SEAM SLIPPAGE	7	TWC	TM117	2009		124
TM133	COLOURFASTNESS TO LIGHT	10	TWC	TM133	2009		119
TM136	DCM EXTRACTION	8	TWC	TM136	2009		105
TM140	STITCH AND GAUGE	6	TWC	TM140	2000		53
TM142	PILE THICKNESS	6	TWC	TM142	2009		68
TM146	FLOURESCENT BRIGHTNESS	7	TWC	TM146	2009		85
TM152	PILLING (ICI)	8	TWC	TM152	2009		98
TM164	COLOURFASTNESS TO WASHING	7	TWC	TM164	2001		70
TM165	COLOURFASTNESS TO RUBBING	7	TWC	TM165	2009		47
TM169	COVER FACTOR	7	TWC	TM169	2009		167
TM174	COLOURFASTNESS WET ALKALINE	7	TWC	TM174	2009		54
TM175	COLOURFASTNESS WET ACIDIC	7	TWC	TM175	2000		54
TM176	SNAGGING	7	TWC	TM176	2002		121
TM179	STRETCH AND RECOVERY	7	TWC	TM179	2001		156
TM193	C/F TO MACHINE WASHING	7	TWC	TM193	2009		128

Code	Test Description	Lead Time	Body	Standard	Year	Specimen	2013/14 Price ex-GST
TM196	PILLING	6	TWC	TM196	2009		56
TM202	TUFT WITHDRAWAL FORCE	8	TWC	TM202	2009	3 across width each 200 x 300mm (A4)	87
TM206	QUALITY OF KNITTED FABRIC	5	TWC	TM206	2009		67
TM216	PILE MASS/DURABILITY	6	TWC	TM216	2009		190
TM232	COLOURFASTNESS TO RUBBING	7	TWC	TM232	2009		48
TM233	COLOURFASTNESS TO SHAMPOO	7	TWC	TM232	2009		62
TM234	SURFACE PILE MASS(BAND KNIFE)	7	TWC	TM234	2009		96
TM240	DETERGENT C/F TO WASHING	10	TWC	TM240	2009		390
TM241	COL CHANGE BY BLEACH/DETERGENT	7	TWC	TM241	2009		64
TM242	HYDROGEN CONTENT OF DETERGENT	6	TWC	TM242	2009		81
TM247	CHANGE IN SURFACE	7	TWC	TM247	2009		184
TM248	NON RECOVERABLE EXTENSION	7	TWC	TM248	2009		156
TM249	DRAPE OF BLANKET	7	TWC	TM249	2009		57
TM250	COLOURFASTNESS TO WASHING	7	TWC	TM250	2009		64
TM251	CHANGE IN COLOUR	7	TWC	TM251	2001		135
TM253	PILLING AND FUZZING	7	TWC	TM253	2005		176
TM254	TUMBLE DRY PERFORMANCE	7	TWC	TM254	2000		226
TM256	COLD WATER STAINING	7	TWC	TM256	2009		61
TM257	HOT WATER TEXTURE	7	TWC	TM257	2009		62
TM258	OIL REPELLANCY	7	TWC	TM258	2003		96
TM264	DELAMINATION OF 2ND BACKING	7	TWC	TM264	2009		107
TM265	BULK AND RESILIENCE	7	TWC	TM265	2009		98
TM266	FIBRE PENETRATION	7	TWC	TM266	2009		143
TM267	DIRECT SOILING	8	TWC	TM267	1995		248
TM268	FELTING SEVERITY	7	TWC	TM268	2003		650
TM272	LOW PRESSURE BULK	7	TWC	TM272	2000		48
TM274	ENTANGLEMENT AND FELTING	7	TWC	TM274	2000		187
TM276	SPIRALITY	7	TWC	TM276	2009		87
TM277	SURFACE PILE MASS SLIVERKNITS	7	TWC		2004		96
TM279	PILE THICKNESS	6	TWC	TM279	2001		52
TM281	AFTER WASH APPEARANCE	7	TWC	TM281	2009		45
TM283	ABRASION WEIGHT LOSS	7	TWC	TM283	2009		96

Code	Test Description	Lead Time	Body	Standard	Year	Specimen	2013/14 Price ex-GST
TM284	THICKNESS LOSS PILE	7	TWC	TM284	2000		203
TM285	PILE DENSITY	7	TWC	TM285	2001		145
TM286	EFFECT OF DETERGENTS	10	TWC	TM286	2009		167
TM287	APPEARANCE RETENSION	7	TWC	TM287	2009		87
TM288	TAILORED GARMENT INSPECTION	5	TWC	TM288	2009		67
TM289	PERCENTAGE PILE AREA	5	TWC	TM289	2000		POA
TM290	DIMENSIONAL CHANGE IN WOVENS	7	TWC	TM290	2000		75
TM293	TRANSVERSE WICKING	7	TWC	TM293	2000		POA
TM294	SIMULATED DRY CLEANING	8	TWC	TM294	2000		68
TM296	FABRIC SOFTNER BULK	7	TWC	TM296	2009		171
TM298	KNITWEAR SURFACE APPEARANCE	5	TWC	TM298	2000		87
TM300	EFFECT OF BLEACH	10	TWC	TM300	2001		761
TM302	FABRIC SOFTNER HANDLE	10	TWC	TM302	2009		167
TM303	FABRIC SOFTNER PREPARATION	10	TWC	TM303	2009		212
TM306	FABRIC SOFTNER COLOURASTNESS	10	TWC	TM306	2009		758
TM311	CLEAN EFICIENCY OF DETERG	10	TWC	TM311	2009		484