

# AWTA PRODUCT 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 STRUCTURE Effective 1 July 2012 to 30 June 2013

		Fee \$	Total Inc. GST
<b>FEES APPLICABLE TO FABRIC TESTING</b>			
F17A	Fibre Identification - Qualitative	50.00	55.00
F17B	Fibre Identification - Major Fibre	132.00	145.20
F17B2	Analysis of Fibres – 2 Fibres	181.00	199.10
F17B3	Analysis of Fibres – 3 Fibres	312.00	343.20
F17B4	Analysis of Fibres – 4 Fibres	444.00	488.40
T01A	Linear Density of Yarns from Packages	66.00	72.60
T01B	Linear Density from yarns from Woven Fabrics (warp and weft)	171.00	188.10
T01C	Linear Density of Yarns from Knitted Fabrics	171.00	188.10
T02A	Twist – Singles	116.00	127.60
T02B	Twist – Folded	84.00	92.40
T03B	Yarn Breaking Load - Instron Method	132.00	145.20
T04	Yarn Unevenness	92.00	101.20
T06	Snagging - Mace - Knitted Fabrics	123.00	135.30
T06B	Snagging – Taber	131.00	144.10
T07A	Pilling Resistance - ICI Pill Box Method	100.00	110.00
T07B	Pilling Resistance - Martindale Method	56.00	61.60
T07C	Pilling Resistance - Random Tumble Method	104.00	114.40
T08A	Mass per Unit Area	64.00	70.40
T08B	Fabric Width	42.00	46.20
T09	Threads per Unit Length -( both directions)	63.00	69.30
T10	Fabric Thickness	66.00	72.60
T11A	Breaking Load - Ravelled Strip (AS or IWS method)	109.00	119.90
T11B	Breaking Load – Grab Test	100.00	110.00
T11F	Breaking Force - Webbing	109.00	119.90
T12B	Stretch and Recovery	158.00	173.80
T13A	Yarn Slippage - standard Seam / Constant Load	126.00	138.60
T13B	Seam Strength	116.00	127.60
T13C	Seam Slippage Resistance	124.00	136.40
T13N	Needle Damage	78.00	85.80
T14	Bursting Pressure - Mullen - (Knits and non-woven fabrics)	85.00	93.50
T14B	Bursting Force Ball	109.00	119.90
T15A	Tearing - Wing Rip Method	104.00	114.40
T15B	Tearing - Single Rip	115.00	126.50
T15C	Tearing - Tongue	115.00	126.50
T15D	Tearing - Trapezoidal	115.00	126.50
T15E	Tearing - Elmendorf	99.00	108.90
T20 Series	Abrasion Test – Stoll	99.00	108.90
T20A	Abrasion Test - Martindale Method - up to 30,000 cycles	111.00	122.10
T20AX	- additional charge per 20,000 cycles over 30,000	42.00	46.20
T20W	Abrasion Test- Wyzenbeek (50,000 cycles)	136.00	149.60
T20WX	20,000 additional cycles	55.00	60.50
T21	Courses and Wales - Knitted Fabric	76.00	83.60

		Fee \$	Total Inc. GST
T23 Series	Dimensional Change - Relaxation	100.00	110.00
T23E	Dimensional Change - Dry Cleaning	253.00	278.30
T23EC	Dry Cleaning - Commercial	63.00	69.30
T23ED	Dry Cleaning - Commercial - 15 cycles	1413.00	1554.30
T24A	Dimensional Change- Machine Washability (Wascator, Cubex or Domestic)	88.00	96.80
T24X	- each additional stage	14.00	15.40
T29A	Water Penetration - Cone	68.00	74.80
T29B	Hydrostatic Head	124.00	136.40
T29C	Water Repellency - Spray	100.00	110.00
T29D	Oil Repellency	95.00	104.50
T35A1	Colourfastness to Light - Xenon Arc Method	122.00	134.20
T35B	Colourfastness to Light - MBTF Method	101.00	111.10
T36	Colourfastness to Washing	64.00	70.40
T50	Colourfastness to Water	56.00	61.60
T51A	Colourfastness to Perspiration - Acid	55.00	60.50
T51B	Colourfastness to Perspiration - Alkaline	55.00	60.50
T52A	Colourfastness to Rubbing	48.00	52.80
T53	Colourfastness to Dry Cleaning Solvents (Perchlorethylene or White Spirits)	70.00	77.00
T54	Colourfastness to Sea Water	72.00	79.20
T55	Colourfastness to Chlorinated Water	94.00	103.40
T55B	Colourfastness to Chlorine Bleaching	94.00	103.40
T56	Colourfastness to Shampoo Solution	63.00	69.30
T85C	Phenolic Yellowing	118.00	129.80

Fee  
\$ Total  
Inc. GST

### FEES APPLICABLE TO RAPITEST® TESTING

R01A	Linear Density of Yarns from Packages	60.00	66.00
R01B	Linear Density of Yarns from Woven Fabrics (single yarn count)	70.00	77.00
R01C	Linear Density of Yarns from Knitted Fabric (Weft knit only)	70.00	77.00
R02A	Yarn Twist – Singles	70.00	77.00
R02B	Yarn Twist – Folded	60.00	66.00
R03B	Yarn Breaking Load	69.00	75.90
R07A	Pilling - Knitted- ICI Pill Box	76.00	83.60
R07AT	Pilling - Fleecy/Interlock	151.00	166.10
R07B	Pilling - Woven- Martindale	48.00	52.80
R07BT	Pilling – Bedlinen	96.00	105.60
R08A	Mass per Unit Area	35.00	38.50
R09	Threads per Unit Length	40.00	44.00
R09W	Weave Analysis - Simple Construction	49.00	53.90
R11A	Breaking Load - Ravelled Strip	77.00	84.70
R12B	Stretch and Recovery Properties	56.00	61.60
R12BT	Stretch and Recovery - Elastane	101.00	111.10
R13A	Yarn Slippage - Standard Seam- Constant Load	85.00	93.50
R13B	Yarn Slippage - Constant Load	83.00	91.30
R13C	Yarn Slippage - Manufactured Seam	60.00	66.00
R14	Bursting Pressure	94.00	103.40
R14B	Bursting Ball	107.00	117.70
R15A	Tear Strength -Wing Rip	49.00	53.90
R15E	Tear Strength -Elmendorf	33.00	36.30
R20A	Abrasion Test - Martindale (20,000 cycles)	63.00	69.30
R20AT	Frosting - Martindale	49.00	53.90
R21	Courses and Wales - Knitted Fabric	43.00	47.30

		Fee \$	Total Inc. GST
R24	Shrinkage - Top Loading	73.00	80.30
R24AW	Shrinkage - Wascator	73.00	80.30
R24I	Extra Ironing and Measure	15.00	16.50
R24T	Shrinkage - Target	77.00	84.70
R24W	Wash Prior to Other Rapitest	49.00	53.90
R24X	Additional Stage to Washing	12.00	13.20
R29B	Hydrostatic Head	55.00	60.50
R29C	Wettability - Spray Rating	46.00	50.60
R35B	Colourfastness- Light (MBTF)	64.00	70.40
R36	Colourfastness - Washing	60.00	66.00
R36P	Colourfastness - Washing - Prints	60.00	66.00
R50	Colourfastness - Water	56.00	61.60
R51A	Colourfastness - Perspiration (Acid)	55.00	60.50
R51B	Colourfastness - Perspiration (Alkali)	55.00	60.50
R52A	Colourfastness - Rubbing	37.00	40.70
R53	Colourfastness - Drycleaning Solvents	70.00	77.00
R54	Colourfastness - Seawater	72.00	79.20
R55	Colourfastness - Chlorinated Water	59.00	64.90
R55B	Colourfastness - Chlorine Bleach	93.00	102.30
R55S	Colourfastness - Chlorinated Spa	63.00	69.30

Fee  
\$ Total  
Inc. GST

#### FEES APPLICABLE TO CARPET TESTING

T01A	Linear Density of Yarns from Packages	66.00	72.60
T02A	Twist – Singles	116.00	127.60
T02B	Twist – Folded	84.00	92.40
T30	Wool Fibre Diameter, Medullation - Projection Microscope	175.00	192.50
T31	Extractable Matter - Pile Yarn	107.00	117.70
T32	Surface Pile Mass (pile above substrate) - standard atmosphere	97.00	106.70
T33A	Total Thickness	49.00	53.90
T33B	Pile Thickness - with surface pile mass	48.00	52.80
T33D	Pile Thickness - as separate test	70.00	77.00
T34	Tuft Withdrawal Force - each type	88.00	96.80
T35A2	Colourfastness to Light - Xenon Arc Method	122.00	134.20
T37	Insect Resistance - Bioassay	POA	
T37B	Resistance to Insect Attack - Carpet Beetle	257.00	282.70
T40A	Tufts per Unit Area	54.00	59.40
T40B	Total Mass per Unit Area	69.00	75.90
T40C	Backing Analysis - Woven - per yarn type	287.00	315.70
T41	Fibre Identification - Pile	132.00	145.20
T41 / 2	Pile Fibre Analysis - 2 Fibres	182.00	200.20
T41 / 3	Pile fibre Analysis - 3 Fibres	312.00	343.20
T42A	Total Pile Mass - Dissection Method - Wovens & unfinished tufteds	109.00	119.90
T42D	Total Pile Mass - Chemical Analysis Method (requires T41 as well)	204.00	224.40
T44A	Appearance Retention - WIRA Dynamic Loading (AS Method)	108.00	118.80
T44AG	Dynamic Loading (ACCS Method) - WIRA	72.00	79.20
T44B	Appearance Retention - Tetrapod Walker Method	197.00	216.70
T44D2	Appearance Retention - Hexapod Tumbler Method	138.00	151.80
	- at 2,000 and 8,000 cycles - requires T33D as well		
	- Prices for other cycles available on request		

		Fee \$	Total Inc. GST
T44E	Pilling & Fuzzing - Usometer	POA	
T45A	Methenamine Pill Method	109.00	119.90
T50	Colourfastness to Water	56.00	61.60
T52B	Colourfastness to Rubbing	48.00	52.80
T53	Colourfastness to Dry Cleaning Solvents (Perchloroethylene or White Spirit)	70.00	77.00
T55	Colourfastness to Chlorinated Water	94.00	103.40
T56	Colourfastness to Shampoo Solution	63.00	69.30
T57	Abrasion Resistance- WIRA Method - 20,000 cycles	97.00	106.70
T57X	- additional charge per 10,000 cycles above 20,000	47.00	51.70
T58	Bond Strength	109.00	119.90
T59A	Dimensional Stability - Mechanical Forces	135.00	148.50
T59B	Dimensional Stability - Ambient Humidity	102.00	112.20
T59C	Dimensional Stability - Heat & Water	150.00	165.00
T59D	Dimensional Stability - Heat	102.00	112.20
T59E	Dimensional Stability - Water	100.00	110.00
T62A	Static Loading - Short Term (AS Method)	97.00	106.70
T62B	Static Loading - Long Term (AS Method)	100.00	110.00
T62BG	Static Loading - Long Term (ACCS Method)	72.00	79.20
T68	Twist Set - Carpet Yarns	172.00	189.20
T68B	Texture Change due to hot water spillage	61.00	67.10
T86	Soiling Propensity	162.00	178.20
T86A	Staining Propensity	99.00	108.90
T86D	Stain Resistance	154.00	169.40

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<b>Electrostatic Tests</b>			
T39	Electrostatic Propensity Stroll - one sole	374.00	411.40
T39B	Surface Resistance – Gigaohm	82.00	90.20
T39C	Bulk Resistance- Gigaohm	82.00	90.20

<b>Underlay Tests</b>			
T81A	Thickness	43.00	47.30
T81B	Mass per Unit Area	72.00	79.20
T81J	Breaking Load/Extension at Break	96.00	105.60
T81K	Static Loading	72.00	79.20
T81L	Dynamic Loading	72.00	79.20
T81M	Work of Compression (Incl T81L)	175.00	192.50
P040	Fibrous Underlay Package	551.00	606.10
P041	Synthetic Underlay Package	504.00	554.40

<b>Flammability Tests</b>			
T18B	Early Fire Hazard Properties AS 1530.3 per sample (ignitability, spread of flame, heat evolved, smoke developed)	768.00	844.80
T18BG	Guidance Test for Early Fire Hazard - (2 specimens)	320.00	352.00
T45A	Methenamine Pill Method	109.00	119.90
T45B	Hot Nut Tests for Carpets or Underlay	124.00	136.40
T45C	Critical Heat Flux (Sample preparation costs extra - if necessary)	450.00	495.00
	Direct Stick	72.00	79.20
T45CC	Critical Heat Flux - including pre clean as per CIAL protocol.	885.00	973.50
	Dual Bond	144.00	158.40
	Underlay must be provided if applicable		

		Fee \$	Total Inc. GST
P007	<b>ACCS Carpet Package – Full</b>	623.00	685.30
P003	<b>ACCS Performance Update Package</b>	314.00	345.40

**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.

		Fee \$	Total Inc. GST
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**FEES APPLICABLE TO FIBRE TESTING**

F01C	Fibre Diameter - Airflow (Wool Top Sliver)	51.00	56.10
F01L	Fibre Diameter - Laserscan (Wool Top Sliver)	25.00	27.50
F02	Fibre Diameter - Projection Microscope	175.00	192.50
F03	Moisture Regain	63.00	69.30
F05	Fibre Length - Single Fibre Length - Scoured Wool	392.00	431.20
	Fibre Length - Length after Carding - Scoured Wool	219.00	240.90
F06	Fibre Length- Almeter Test - Wool Top Sliver	66.00	72.60
F10	Wool Content of Waste Material	142.00	156.20
F12	pH of Extract	84.00	92.40
F14	Extractable Matter	92.00	101.20
F16	Sliver Evenness	93.00	102.30
F17A	Fibre Identification – Qualitative	50.00	55.00
F17B	Fibre Analysis- Quantitative	132.00	145.20
F17B2	Fibre Analysis- Quantitative - 2 fibres	181.00	199.10
F17B3	Fibre Analysis- Quantitative -3 Fibres	312.00	343.20
F17B4	Fibre Analysis - Quantitative -4 Fibres	444.00	488.40
F18A	Neps in Wool top sliver	70.00	77.00
F18AB	Neps and Vegetable Matter in Wool Top	70.00	77.00
F18B	Vegetable Matter in Wool top sliver	70.00	77.00
F18C	Dark Fibre in Wool Top - IWTO 24 - not suitable for Open Top	70.00	77.00
	Dark Fibre in Wool Top - IWTO E13		
F19	Melting Point of fibres	146.00	160.60
F20	Fluidity of Cellulosic Fibres	239.00	262.90
F23	Wax/Suint Ratio	234.00	257.40

		Fee \$	Total Inc. GST
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**FEES APPLICABLE TO YARN TESTING**

T01A	Linear Density of Yarns from Packages	66.00	72.60
T02A	Twist - Singles	116.00	127.60
T02B	Twist - Folded	84.00	92.40
T03B	Yarn Breaking Load - Instron Method	132.00	145.20
T04	Yarn Unevenness	92.00	101.20
T68	Twist Set - Carpet Yarns	172.00	189.20

		Fee \$	Total Inc. GST
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### FEES APPLICABLE TO FLAMMABILITY TESTING

#### *Apparel Fabrics*

Children's Nightwear Test for AS 1249

T16	Garment Evaluation	105.00	115.50
T16/J	Label Durability	69.00	75.90
T16LA	Label Durability and Assessment	103.00	113.30
T17G	Flame Spread Test (Required before and after Laundering)	105.00	115.50
T17H	Surface Burn Test - (After Laundering)	97.00	106.70
T17I	Laundering	57.00	62.70

The tests required will depend on the fabric and garment construction.

T45E	Thermal Protection Properties/Heat Transfer Index	212.00	233.20
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#### *Automotive/Public Transport*

T17A	Vertical Flammability Test e.g. FTMS 191-5903, FAR 25.853	150.00	165.00
T17B	Horizontal Flammability Test Eg: FTMS 191-5906, MVSS 302, Automotive Standards, ISO 3975	280.00	308.00
T17C	Ignitability of Upholstered Furniture – Cigarette Test	154.00	169.40

#### *Upholstery/Furnishings*

T17C	Cigarette Test for Furniture Fabrics	154.00	169.40
T17D	Match Flame Equivalent Test for Upholstery Fabrics	154.00	169.40
T17DC	Crib tests (4 - 7) single mock up crib	361.00	397.10
T17DD	Crib Test (4 - 7) per 2 complete assembled seats	722.00	794.20
T18A	Flammability of Materials - AS1530.2	406.00	446.60
T18B	Early Fire Hazard Properties AS 1530.3 per sample (Ignitability, Spread of Flame, Heat Evolved, Smoke Developed)	768.00	844.80

#### *Building Materials*

T18A	Flammability of Materials - AS1530.2	406.00	446.60
T18AG	Guidance Test for Flammability of Materials	210.00	231.00
T18B	Early Fire Hazard Properties AS 1530.3 per sample (Ignitability, Spread of Flame, Heat Evolved, Smoke Developed)	768.00	844.80
T18BG	Guidance Test for Early Fire Hazard - (2 specimens)	320.00	352.00
T45C	Critical Heat Flux	450.00	495.00
T45G	Cone Calorimeter - AS/NZS3837	970.00	1067.00

	Fee \$	Total Inc. GST
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### FEES APPLICABLE TO LAUNDRY SWATCH EVALUATION

T99A	EMPA #105 Soiled Test Swatch Purchase	58.00	63.80
T99B	EMPA 105 - Colour Evaluation	71.00	78.10
T99C	EMPA #224 Mechanical / Chemical Damage / Colour test swatch Purchase	79.00	86.90
T99D	Total Damage Evaluation	99.00	108.90
T99E	Chemical Damage Evaluation	227.00	249.70
T99F	EMPA 224 - Colour Evaluation	71.00	78.10
T99G	Ash Content	110.00	121.00

		Fee \$	Total Inc. GST
<b>FEES APPLICABLE TO TESTING GEOTEXTILES</b>			
T08AG	Mass per Unit Area of Fabric (AS 3706.1)	94.00	103.40
T08B	Width of Fabric (AS 2001.2.12)	42.00	46.20
T10	Method of measurement of Textiles Fabrics – Thickness (Method 3) (AS 1587)	66.00	72.60
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)	134.00	147.40
T11E	Tensile Properties - wide strip method (AS 3706.2)	212.00	233.20
T13B	Seam Strength (AS 3706.6)	116.00	127.60
	Pore Size Distribution - dry sieving method (AS 3706.7)	POA	
T14	Bursting Pressure - Hydraulic Diaphragm (Method A) (AS 2001.2.4)	85.00	93.50
T14D	Puncture Resistance - drop cone method (AS 3706.5)	148.00	162.80
T14P	Burst Strength - CBR plunger method (AS 3706.4)	212.00	233.20
T15D	Tearing Strength -trapezoidal method (AS 3706.3)	115.00	126.50
T20F	Abrasion Resistance - Taber method (AS 2001.2.28)	312.00	343.20
T28C	UV / VIS Transmittance	170.00	187.00
T29P	Permittivity (AS 3706.9)	549.00	603.90

		Fee \$	Total Inc. GST
<b>FEES APPLICABLE TO TESTING TO AS 4254 DUCTWORK FOR AIR HANDLING SYSTEMS IN BUILDINGS</b>			

T18B	Early Fire Hazard Properties AS 1530.3 per sample (may require two tests depending on duct type)	768.00	844.80
T18D	Burning (may require two tests depending on duct type)	440.00	484.00
T18E	Mould Growth and Humidity	320.00	352.00
T18F	Temperature	308.00	338.80
T18G	Puncture	60.00	66.00
T18H	Static Load	117.00	128.70
T18I	Impact	117.00	128.70
T18J	Pressure	316.00	347.60
T18K	Collapse	316.00	347.60
T18L	Tension	117.00	128.70

		Fee \$	Total Inc. GST
<b>FEES APPLICABLE TO AUTOMOTIVE TESTING</b>			
T06	Snagging (Ford)	123.00	135.30
T07CL	Lint Retention	96.00	105.60
T07D	Pilling- Brush Method	101.00	111.10
T07G	Pilling – Crockmeter	106.00	116.60
T10	Thickness Testing – Static	66.00	72.60
T11A	Tensile Strength- Automotive Textile Fabrics	109.00	119.90
T12G	Creasing Laminated Fabrics	119.00	130.90
T12H	Stretch Set – Lear	168.00	184.80
T13D	Seam Fatigue	208.00	228.80
T13F	Flex Fold	208.00	228.80
T14	Bursting Force	85.00	93.50
T14G	Gravelometer	248.00	272.80
T17B	Flammability - Horizontal	280.00	308.00
T17BM	Flammability - Horizontal Burn Mitsubishi (including oven ageing)	687.00	755.70
T20B	Abrasion Flex	99.00	108.90
T20C	Abrasion Flat	99.00	108.90
T20F	Taber Abrasion or Snagging	312.00	343.20
T20FA	Taber Abrasion - Short Term	161.00	177.10
T27C	Fabric Stiffness	POA	
T28	Air Permeability	123.00	135.30
T35D1	Townsville Exposure	POA	
T35Q	QUV - One quarter of a machine / per hour	2.50	2.75
T35Q	QUV - Half of a machine / per hour	4.50	4.95
T35Q	QUV - More than half of a machine / per hour	5.00	5.50
T35Z	Weathering (price depends on exposure period)	POA	
T39B	Static Propensity	82.00	90.20
T52A	Crocking	48.00	52.80
T58A	Bond Strength - Auto	146.00	160.60
T63D	Mildew and Odour	394.00	433.40
T63E	Foam Laminate Curl	208.00	228.80
T64A	Colourfastness to Water Spotting	61.00	67.10
T74	Frictional Coefficient	206.00	226.60
T84	Fogging	257.00	282.70
T87	Hydrogen Sulphide Staining	144.00	158.40
T89A	Oven Ageing - 1 Week	144.00	158.40
T89B	Oven Ageing - 2 Weeks	288.00	316.80
T89C	Oven Ageing - 4 Weeks	576.00	633.60
T89E	Environmental Chamber - Less than 1 week - per day	832.00	915.20
T89E	Environmental Chamber - 1 week to < 6 weeks - per day	773.00	850.30
T89E	Environmental Chamber - 6 weeks to < 13 weeks - per day	704.00	774.40
T89E	Environmental Chamber - 13 weeks or more	653.00	718.30
T89Q	Salt Fog - Short term (<1000 hours) - per hour	5.00	5.50
T89Q	Salt Fog - 1000 hours to 1999 hours - per hour	2.00	2.20
T89Q	Salt Fog - 2000 hours or more - per hour	2.00	2.20

		Fee \$	Total Inc. GST
<b>FEES APPLICABLE TO BUOYANCY VEST TESTING</b>			
T11A	Tensile Strength - Straps* (AS 2001.2.3)	109.00	119.90
T14B	Bursting Strength (AS 2001.2.19)	109.00	119.90
T15A	Tearing Strength (AS 2001.2.10)	104.00	114.40
T35B	Colourfastness to Light* (AS 2001.4.21)	101.00	111.10
T54	Colourfastness to Seawater* (AS 2001.4.14)	72.00	79.20
T82 Series	Zip Fasteners* (AS 2332) (per test type)	101.00	111.10
T83A	Buoyancy* (AS 2259 App A)	87.00	95.70
T83H	Strength of Fastening Devices* (AS 2259 App H)	62.00	68.20
T83I	Exposure to Kerosene* (AS 2259 App I)	120.00	132.00
T83J	Resistance to Crushing* (AS 2259.3.2)	112.00	123.20
T83K	Resistance to Heat* (AS 2259.3.3)	231.00	254.10
T90C	Coating Adhesion (AS 1441.5)	192.00	211.20
T90D	Flex Cracking (AS 1441.6)	123.00	135.30
T90F	Mass Loss on Heat Ageing (AS 1441.8)	103.00	113.30
	Resistance to Corrosion*	103.00	113.30

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

		Fee \$	Total Inc. GST
<b>FEES APPLICABLE TO RETROREFLECTIVE MATERIALS</b>			
T26A	CIL at all angles	270.00	297.00
T26A1	Retroreflected Colour	170.00	187.00
T26A2	CIL at one angle	170.00	187.00
T26B	CIL after UV	362.00	398.20
T26C	CIL after washing	292.00	321.20
T26D	CIL after Abrasion	194.00	213.40
T26E	CIL after Temperature	292.00	321.20
T26F	CIL During Rainfall	297.00	326.70
T26G	Retroreflectance of Horizontal Coatings	285.00	313.50
T26R	Calibration of Reflectometer	1114.00	1225.40

		Fee \$	Total Inc. GST
<b>FEES APPLICABLE TO SAFETY / HIGH VISIBILITY GARMENT EVALUATION</b>			
T28A	UPF Factor	175.00	192.50
T28F	Fluorescent Colour Measurement	134.00	147.40
T28FD	Fluorescent Colour Measurement Durability	217.00	238.70
T28G	Garment Evaluation	164.00	180.40
T28H	Non Fluorescent Colour Measurement	96.00	105.60
T35B	Colourfastness to Light - MBTF	101.00	111.10
T36	Colourfastness to Washing	64.00	70.40
T51A	Colourfastness to Perspiration - Acid	55.00	60.50
T51B	Colourfastness to Perspiration - Alkaline	55.00	60.50

		Fee \$	Total Inc. GST
<b>FEES APPLICABLE TO LEATHER TESTING FOR FURNISHING APPLICATIONS</b>			
F12L	pH of Leather	85.00	93.50
F27A	Chromic Acid Content (Wet Oxidation) - Leather	POA	
F27B	Chromic Acid Content (Alkaline Fusion) - Leather	POA	
T11L	Breaking Force - Leather	100.00	110.00
T15L	Tear Strength	115.00	126.50
T17C	Flammability EN ISO 8191-1 (cigarette)	154.00	169.40
T35A1	Colourfastness to Light	122.00	134.20
T52L1	Velsic Rub Fastness EN ISO 11641	73.00	80.30
T52L2	Velsic Rub Fastness EN ISO 11640	73.00	80.30
T90D	Flex Cracking Resistance	123.00	135.30
T90L	Flexing Endurance	192.00	211.20

		Fee \$	Total Inc. GST
<b>FEES APPLICABLE TO BUILDING PRODUCTS</b>			
T11P	Breaking Force	109.00	119.90
T14B	Bursting Force – Ball Burst	109.00	119.90
T14P	Burst Strength	212.00	233.20
T15P	Edge Tear Resistance	115.00	126.50
T18A	Flammability of Materials - AS1530.2	406.00	446.60
T18AG	Guidance Test for Flammability of Materials	210.00	231.00
T18B	Early Fire Hazard Properties AS 1530.3 per sample (Ignitability, Spread of Flame, Heat Evolved, Smoke Developed)	768.00	844.80
T18BG	Guidance Test for Early Fire Hazard - (2 specimens)	320.00	352.00
T19BS	Guarded Hot Plate – Building System	535.00	588.50
T19DB	Guarded Hot Plate - Batts	535.00	588.50
T19DW	Guarded Hot Plate - Wet	673.00	740.30
T19LF	Guarded Hot Plate – Loose Fill	535.00	588.50
T19S	Guarded Hot Plate – Sampling	121.00	133.10
T29ES	Water Vapour Transmission	133.00	146.30
T45C	Critical Heat Flux	450.00	495.00
T45G	Cone Calorimeter - AS/NZS3837	970.00	1067.00
T94A	Resistance to Dry Delamination	137.00	150.70
T94B	Resistance to Wet Delamination	137.00	150.70
T94C	Shrinkage	617.00	678.70
T94D	Resistance to Water Penetration	137.00	150.70
T94E	Emmittance	285.00	313.50
T94F	Water Absorbency	137.00	150.70
T94G	Folding Endurance	479.00	526.90
T94H	Surface Corrosion and Wet Delamination	632.00	695.20
T94R	Reflectance	170.00	187.00
T94T	Transmittance	170.00	187.00

		Fee \$	Total Inc. GST
<b>FEES APPLICABLE TO HOSPITAL PRODUCTS</b>			
	Barrier Fabrics		
T08A	Mass	64.00	70.40
T11A	Breaking Force	109.00	119.90
T15A	Tearing Force - Wing Rip	104.00	114.40
T24S	Pre treatment for the following tests-Wascator ( 5 washes )	166.00	182.60
T29B	Hydrostatic Head - Requires 5 washes pre treatment	124.00	136.40
T29C	Spray Rating - Requires 5 washes pre treatment	100.00	110.00
T29EW	Water Vapour Permeability -Requires 5 washes pre treatment	133.00	146.30
T74	Surface Friction- Requires 5 washes pre treatment	206.00	226.60
	Cellular Blankets		
T08A	Mass (AS 3789.10)	64.00	70.40
T09	Threads per Unit Length	63.00	69.30
T11A	Breaking Force -after Laundering	109.00	119.90
T24AW	Dimensional Stability - including 4 extra wash & dry cycles	201.00	221.10
T35B	Colourfastness to Light	101.00	111.10
T36	Colourfastness to Washing	64.00	70.40
T50	Colourfastness to Water	56.00	61.60
T51A	Colourfastness to Acid Perspiration	55.00	60.50
T51B	Colourfastness to Alkali Perspiration	55.00	60.50
T52A	Colourfastness to Rubbing	48.00	52.80
	Theatre Linen		
T07B	Pilling after Cubex Wash	56.00	61.60
T08A	Mass	64.00	70.40
T09	Threads per unit Length	63.00	69.30
T11A	Breaking Force	109.00	119.90
T24	Dimensional Stability - Cubex	88.00	96.80
T35B	Colourfastness to Light	101.00	111.10
T36	Colourfastness to Washing	64.00	70.40
T50	Colourfastness to Water	56.00	61.60
T51A	Colourfastness to Acid Perspiration	55.00	60.50
T51B	Colourfastness to Alkali Perspiration	55.00	60.50
T52A	Colourfastness to Rubbing	48.00	52.80
	Towelling		
F17A	Fibre Identification	50.00	55.00
F20	Fluidity	239.00	262.90
T08A	Mass	64.00	70.40
T09	Threads per unit Length	63.00	69.30
T09W	Weave Analysis	POA	
T11A	Breaking Force	109.00	119.90
T24	Dimensional Stability	88.00	96.80

	Fee \$	Total Inc. GST
<b>TECHNICAL INVESTIGATIONS AND CONSULTATIONS</b>		
Senior Management and/or Expert Witness	384.00	422.40
Management and/or Professional Staff	223.00	245.30
Laboratory Technicians	139.00	152.90

	Fee \$	Total Inc. GST
<b>NON-ROUTINE TESTS</b>		
Fees are charged on an hourly basis, with a minimum charge of one hour.	139.00	152.90

## CONTACT LIST

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