

AWTA PRODUCT TESTING

Australian Wool Testing Authority Ltd – trading as AWTA Product Testing
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PRODUCT TESTING FEES PRICE LIST STRUCTURE Effective 14 July 2014 to 30 June 2015

| | | Fee \$ | Total Inc. GST |
|--|--|-----------|-------------------|
| FEES APPLICABLE TO FABRIC TESTING | | | |
| F17A | Fibre Identification - Qualitative | 55.00 | 60.50 |
| F17B | Fibre Identification - Major Fibre | 140.00 | 154.00 |
| F17B2 | Analysis of Fibres – 2 Fibres | 192.00 | 211.20 |
| F17B3 | Analysis of Fibres – 3 Fibres | 330.00 | 363.00 |
| F17B4 | Analysis of Fibres – 4 Fibres | 470.00 | 517.00 |
| T01A | Linear Density of Yarns from Packages | 72.00 | 79.20 |
| T01B | Linear Density from yarns from Woven Fabrics (warp and weft) | 181.00 | 199.10 |
| T01C | Linear Density of Yarns from Knitted Fabrics | 181.00 | 199.10 |
| T02A | Twist – Singles | 123.00 | 135.30 |
| T02B | Twist – Folded | 92.00 | 101.20 |
| T03B | Yarn Breaking Load - Instron Method | 140.00 | 154.00 |
| T04 | Yarn Unevenness | 100.00 | 110.00 |
| T06 | Snagging - Mace - Knitted Fabrics | 131.00 | 144.10 |
| T06B | Snagging – Taber | 139.00 | 152.90 |
| T07A | Pilling Resistance - ICI Pill Box Method | 106.00 | 116.60 |
| T07B | Pilling Resistance - Martindale Method | 61.00 | 67.10 |
| T07C | Pilling Resistance - Random Tumble Method | 110.00 | 121.00 |
| T08A | Mass per Unit Area | 70.00 | 77.00 |
| T08B | Fabric Width | 46.00 | 50.60 |
| T09 | Threads per Unit Length -(both directions) | 69.00 | 75.90 |
| T10 | Fabric Thickness | 72.00 | 79.20 |
| T11A | Breaking Load - Ravelled Strip (AS or IWS method) | 115.00 | 126.50 |
| T11B | Breaking Load – Grab Test | 106.00 | 116.60 |
| T11F | Breaking Force - Webbing | 115.00 | 126.50 |
| T12B | Stretch and Recovery | 167.00 | 183.70 |
| T13A | Yarn Slippage - standard Seam / Constant Load | 134.00 | 147.40 |
| T13B | Seam Strength | 123.00 | 135.30 |
| T13C | Seam Slippage Resistance | 132.00 | 145.20 |
| T13N | Needle Damage | 84.00 | 92.40 |
| T14 | Bursting Pressure - Mullen - (Knits and non-woven fabrics) | 93.00 | 102.30 |
| T14B | Bursting Force Ball | 115.00 | 126.50 |
| T15A | Tearing - Wing Rip Method | 110.00 | 121.00 |
| T15B | Tearing - Single Rip | 122.00 | 134.20 |
| T15C | Tearing - Tongue | 122.00 | 134.20 |
| T15D | Tearing - Trapezoidal | 122.00 | 134.20 |
| T15E | Tearing - Elmendorf | 107.00 | 117.70 |
| T20 Series | Abrasion Test – Stoll | 107.00 | 117.70 |
| T20A | Abrasion Test - Martindale Method - up to 30,000 cycles | 117.00 | 128.70 |
| T20AX | - additional charge per 20,000 cycles over 30,000 | 46.00 | 50.60 |
| T20W | Abrasion Test- Wyzenbeek (50,000 cycles) | 144.00 | 158.40 |
| T20WX | 20,000 additional cycles | 60.00 | 66.00 |
| T21 | Courses and Wales - Knitted Fabric | 82.00 | 90.20 |

| | | Fee \$ | Total Inc. GST |
|------------|---|-----------|-------------------|
| T23 Series | Dimensional Change - Relaxation | 106.00 | 116.60 |
| T23E | Dimensional Change - Dry Cleaning | 268.00 | 294.80 |
| T23EC | Dry Cleaning - Commercial | 69.00 | 75.90 |
| T23ED | Dry Cleaning - Commercial - 15 cycles | 1492.00 | 1641.20 |
| T24A | Dimensional Change- Machine Washability (Wascator, Cubex or Domestic) | 96.00 | 105.60 |
| T24X | - each additional stage | 15.00 | 16.50 |
| T29A | Water Penetration - Cone | 74.00 | 81.40 |
| T29B | Hydrostatic Head | 132.00 | 145.20 |
| T29C | Water Repellency - Spray | 106.00 | 116.60 |
| T29D | Oil Repellency | 103.00 | 113.30 |
| T35A1 | Colourfastness to Light - Xenon Arc Method | 130.00 | 143.00 |
| T35B | Colourfastness to Light - MBTF Method | 107.00 | 117.70 |
| T36 | Colourfastness to Washing | 70.00 | 77.00 |
| T50 | Colourfastness to Water | 61.00 | 67.10 |
| T51A | Colourfastness to Perspiration - Acid | 60.00 | 66.00 |
| T51B | Colourfastness to Perspiration - Alkaline | 60.00 | 66.00 |
| T52A | Colourfastness to Rubbing | 53.00 | 58.30 |
| T53 | Colourfastness to Dry Cleaning Solvents (Perchloroethylene or White Spirits) | 76.00 | 83.60 |
| T54 | Colourfastness to Sea Water | 78.00 | 85.80 |
| T55 | Colourfastness to Chlorinated Water | 102.00 | 112.20 |
| T55B | Colourfastness to Chlorine Bleaching | 102.00 | 112.20 |
| T56 | Colourfastness to Shampoo Solution | 69.00 | 75.90 |
| T85C | Phenolic Yellowing | 125.00 | 137.50 |

Fee
\$ Total
Inc. GST

FEES APPLICABLE TO RAPITEST® TESTING

| | | | |
|-------|--|--------|--------|
| R01A | Linear Density of Yarns from Packages | 65.00 | 71.50 |
| R01B | Linear Density of Yarns from Woven Fabrics (single yarn count) | 76.00 | 83.60 |
| R01C | Linear Density of Yarns from Knitted Fabric (Weft knit only) | 76.00 | 83.60 |
| R02A | Yarn Twist – Singles | 76.00 | 83.60 |
| R02B | Yarn Twist – Folded | 65.00 | 71.50 |
| R03B | Yarn Breaking Load | 75.00 | 82.50 |
| R07A | Pilling - Knitted- ICI Pill Box | 82.00 | 90.20 |
| R07AT | Pilling - Fleecy/Interlock | 160.00 | 176.00 |
| R07B | Pilling - Woven- Martindale | 53.00 | 58.30 |
| R07BT | Pilling – Bedlinen | 104.00 | 114.40 |
| R08A | Mass per Unit Area | 38.00 | 41.80 |
| R09 | Threads per Unit Length | 43.00 | 47.30 |
| R09W | Weave Analysis - Simple Construction | 54.00 | 59.40 |
| R11A | Breaking Load - Ravelled Strip | 83.00 | 91.30 |
| R12B | Stretch and Recovery Properties | 61.00 | 67.10 |
| R12BT | Stretch and Recovery - Elastane | 107.00 | 117.70 |
| R13A | Yarn Slippage - Standard Seam- Constant Load | 93.00 | 102.30 |
| R13B | Yarn Slippage - Constant Load | 91.00 | 100.10 |
| R13C | Yarn Slippage - Manufactured Seam | 65.00 | 71.50 |
| R14 | Bursting Pressure | 102.00 | 112.20 |
| R14B | Bursting Ball | 113.00 | 124.30 |
| R15A | Tear Strength -Wing Rip | 54.00 | 59.40 |
| R15E | Tear Strength -Elmendorf | 36.00 | 39.60 |
| R20A | Abrasion Test - Martindale (20,000 cycles) | 69.00 | 75.90 |
| R20AT | Frosting - Martindale | 54.00 | 59.40 |
| R21 | Courses and Wales - Knitted Fabric | 47.00 | 51.70 |

| | | Fee \$ | Total Inc. GST |
|-------|--|-----------|-------------------|
| R24 | Shrinkage - Top Loading | 79.00 | 86.90 |
| R24AW | Shrinkage - Wascator | 79.00 | 86.90 |
| R24I | Extra Ironing and Measure | 16.00 | 17.60 |
| R24T | Shrinkage - Target | 83.00 | 91.30 |
| R24W | Wash Prior to Other Rapitest | 54.00 | 59.40 |
| R24X | Additional Stage to Washing | 13.00 | 14.30 |
| R29B | Hydrostatic Head | 60.00 | 66.00 |
| R29C | Wettability - Spray Rating | 50.00 | 55.00 |
| R35B | Colourfastness- Light (MBTF) | 70.00 | 77.00 |
| R36 | Colourfastness - Washing | 65.00 | 71.50 |
| R36P | Colourfastness - Washing - Prints | 65.00 | 71.50 |
| R50 | Colourfastness - Water | 61.00 | 67.10 |
| R51A | Colourfastness - Perspiration (Acid) | 60.00 | 66.00 |
| R51B | Colourfastness - Perspiration (Alkali) | 60.00 | 66.00 |
| R52A | Colourfastness - Rubbing | 40.00 | 44.00 |
| R53 | Colourfastness - Drycleaning Solvents | 76.00 | 83.60 |
| R54 | Colourfastness - Seawater | 78.00 | 85.80 |
| R55 | Colourfastness - Chlorinated Water | 64.00 | 70.40 |
| R55B | Colourfastness - Chlorine Bleach | 101.00 | 111.10 |
| R55S | Colourfastness - Chlorinated Spa | 69.00 | 75.90 |

Fee
\$ Total
Inc. GST

FEES APPLICABLE TO CARPET TESTING

| | | | |
|---------|---|--------|--------|
| T01A | Linear Density of Yarns from Packages | 72.00 | 79.20 |
| T02A | Twist – Singles | 123.00 | 135.30 |
| T02B | Twist – Folded | 92.00 | 101.20 |
| T30 | Wool Fibre Diameter, Medullation - Projection Microscope | 185.00 | 203.50 |
| T31 | Extractable Matter - Pile Yarn | 113.00 | 124.30 |
| T32 | Surface Pile Mass (pile above substrate) - standard atmosphere | 105.00 | 115.50 |
| T33A | Total Thickness | 54.00 | 59.40 |
| T33B | Pile Thickness - with surface pile mass | 53.00 | 58.30 |
| T33D | Pile Thickness - as separate test | 76.00 | 83.60 |
| T34 | Tuft Withdrawal Force - each type | 96.00 | 105.60 |
| T35A2 | Colourfastness to Light - Xenon Arc Method | 130.00 | 143.00 |
| T37 | Insect Resistance - Bioassay | POA | |
| T37B | Resistance to Insect Attack - Carpet Beetle | 272.00 | 299.20 |
| T40A | Tufts per Unit Area | 59.00 | 64.90 |
| T40B | Total Mass per Unit Area | 75.00 | 82.50 |
| T40C | Backing Analysis - Woven - per yarn type | 304.00 | 334.40 |
| T41 | Fibre Identification - Pile | 140.00 | 154.00 |
| T41 / 2 | Pile Fibre Analysis - 2 Fibres | 193.00 | 212.30 |
| T41 / 3 | Pile fibre Analysis - 3 Fibres | 330.00 | 363.00 |
| T42A | Total Pile Mass - Dissection Method - Wovens & unfinished tufteds | 115.00 | 126.50 |
| T42D | Total Pile Mass - Chemical Analysis Method (requires T41 as well) | 216.00 | 237.60 |
| T44A | Appearance Retention - WIRA Dynamic Loading (AS Method) | 114.00 | 125.40 |
| T44AG | Dynamic Loading (ACCS Method) - WIRA | 78.00 | 85.80 |
| T44B | Appearance Retention - Tetrapod Walker Method | 208.00 | 228.80 |
| T44D2 | Appearance Retention - Hexapod Tumbler Method | 146.00 | 160.60 |
| | - 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 | 186.00 | 204.60 |
| T45A | Methenamine Pill Method | 117.00 | 128.70 |
| T50 | Colourfastness to Water | 61.00 | 67.10 |
| T52B | Colourfastness to Rubbing | 53.00 | 58.30 |
| T53 | Colourfastness to Dry Cleaning Solvents (Perchloroethylene or White Spirit) | 76.00 | 83.60 |
| T55 | Colourfastness to Chlorinated Water | 102.00 | 112.20 |
| T56 | Colourfastness to Shampoo Solution | 69.00 | 75.90 |
| T57 | Abrasion Resistance- WIRA Method - 20,000 cycles | 105.00 | 115.50 |
| T57X | - additional charge per 10,000 cycles above 20,000 | 52.00 | 57.20 |
| T58 | Bond Strength | 115.00 | 126.50 |
| T59A | Dimensional Stability - Mechanical Forces | 143.00 | 157.30 |
| T59B | Dimensional Stability - Ambient Humidity | 108.00 | 118.80 |
| T59C | Dimensional Stability - Heat & Water | 159.00 | 174.90 |
| T59D | Dimensional Stability - Heat | 108.00 | 118.80 |
| T59E | Dimensional Stability - Water | 106.00 | 116.60 |
| T62A | Static Loading - Short Term (AS Method) | 105.00 | 115.50 |
| T62B | Static Loading - Long Term (AS Method) | 106.00 | 116.60 |
| T62BG | Static Loading - Long Term (ACCS Method) | 78.00 | 85.80 |
| T68 | Twist Set - Carpet Yarns | 182.00 | 200.20 |
| T68B | Texture Change due to hot water spillage | 67.00 | 73.70 |
| T86 | Soiling Propensity | 172.00 | 189.20 |
| T86A | Staining Propensity | 107.00 | 117.70 |
| T86D | Stain Resistance | 163.00 | 179.30 |
| | | Fee \$ | Total Inc. GST |
| | Electrostatic Tests | | |
| T39 | Electrostatic Propensity Stroll - one sole | 396.00 | 435.60 |
| T39B | Surface Resistance – Gigaohm | 90.00 | 99.00 |
| T39C | Bulk Resistance- Gigaohm | 90.00 | 99.00 |
| | Underlay Tests | | |
| T81A | Thickness | 47.00 | 51.70 |
| T81B | Mass per Unit Area | 78.00 | 85.80 |
| T81J | Breaking Load/Extension at Break | 104.00 | 114.40 |
| T81K | Static Loading | 78.00 | 85.80 |
| T81L | Dynamic Loading | 78.00 | 85.80 |
| T81M | Work of Compression (Incl T81L) | 185.00 | 203.50 |
| P040 | Fibrous Underlay Package | 577.00 | 634.70 |
| P041 | Synthetic Underlay Package | 592.00 | 651.20 |
| | Flammability Tests | | |
| T18B | Early Fire Hazard Properties AS 1530.3 per sample (ignitability, spread of flame, heat evolved, smoke developed) | 823.00 | 905.30 |
| T18BG | Guidance Test for Early Fire Hazard - (2 specimens) | 343.00 | 377.30 |
| T45A | Methenamine Pill Method | 117.00 | 128.70 |
| T45B | Hot Nut Tests for Carpets or Underlay | 133.00 | 146.30 |
| T45C | Critical Heat Flux (Sample preparation costs extra - if necessary)* | 400.00 | 440.00 |
| | Direct Stick | 78.00 | 85.80 |
| T45CC | Critical Heat Flux - including pre clean as per CIAL protocol*. *Underlay must be provided if applicable | 949.00 | 1043.90 |

| | | Fee \$ | Total Inc. GST |
|------|--|-----------|-------------------|
| P007 | ACCS Carpet Package – Full | 680.00 | 748.00 |
| P003 | ACCS Performance Update Package | 341.00 | 375.10 |

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 |
|--|--|-----------|-------------------|
|--|--|-----------|-------------------|

FEES APPLICABLE TO FIBRE TESTING

| | | | |
|-------|--|--------|--------|
| F01C | Fibre Diameter - Airflow (Wool Top Sliver) | 56.00 | 61.60 |
| F01L | Fibre Diameter - Laserscan (Wool Top Sliver) | 28.00 | 30.80 |
| F02 | Fibre Diameter - Projection Microscope | 185.00 | 203.50 |
| F03 | Moisture Regain | 69.00 | 75.90 |
| F05 | Fibre Length - Single Fibre Length - Scoured Wool | 414.00 | 455.40 |
| F06 | Fibre Length- Almeter Test - Wool Top Sliver | 72.00 | 79.20 |
| F10 | Wool Content of Waste Material | 150.00 | 165.00 |
| F12 | pH of Extract | 92.00 | 101.20 |
| F14 | Extractable Matter | 100.00 | 110.00 |
| F16 | Sliver Evenness | 101.00 | 111.10 |
| F17A | Fibre Identification – Qualitative | 55.00 | 60.50 |
| F17B | Fibre Analysis- Quantitative | 140.00 | 154.00 |
| F17B2 | Fibre Analysis- Quantitative - 2 fibres | 192.00 | 211.20 |
| F17B3 | Fibre Analysis- Quantitative -3 Fibres | 330.00 | 363.00 |
| F17B4 | Fibre Analysis - Quantitative -4 Fibres | 470.00 | 517.00 |
| F18A | Neps in Wool top sliver | 76.00 | 83.60 |
| F18AB | Neps and Vegetable Matter in Wool Top | 76.00 | 83.60 |
| F18B | Vegetable Matter in Wool top sliver | 76.00 | 83.60 |
| F18C | Dark Fibre in Wool Top - IWTO 24 - not suitable for Open Top | 76.00 | 83.60 |
| | Dark Fibre in Wool Top - IWTO E13 | | |
| F19 | Melting Point of fibres | 155.00 | 170.50 |
| F20 | Fluidity of Cellulosic Fibres | 252.00 | 277.20 |
| F23 | Wax/Suint Ratio | 247.00 | 271.70 |

| | | Fee \$ | Total Inc. GST |
|--|--|-----------|-------------------|
|--|--|-----------|-------------------|

FEES APPLICABLE TO YARN TESTING

| | | | |
|------|---------------------------------------|--------|--------|
| T01A | Linear Density of Yarns from Packages | 72.00 | 79.20 |
| T02A | Twist - Singles | 123.00 | 135.30 |
| T02B | Twist - Folded | 92.00 | 101.20 |
| T03B | Yarn Breaking Load - Instron Method | 140.00 | 154.00 |
| T04 | Yarn Unevenness | 100.00 | 110.00 |
| T68 | Twist Set - Carpet Yarns | 182.00 | 200.20 |

| | Fee \$ | Total Inc. GST |
|--|-----------|-------------------|
|--|-----------|-------------------|

FEES APPLICABLE TO FLAMMABILITY TESTING

Apparel Fabrics

Children's Nightwear Test for AS 1249

| | | | |
|-------|--|--------|--------|
| T16 | Garment Evaluation | 111.00 | 122.10 |
| T16/J | Label Durability | 75.00 | 82.50 |
| T16LA | Label Durability and Assessment | 109.00 | 119.90 |
| T17G | Flame Spread Test (Required before and after Laundering) | 111.00 | 122.10 |
| T17H | Surface Burn Test - (After Laundering) | 105.00 | 115.50 |
| T17I | Laundering | 62.00 | 68.20 |

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

| | | | |
|------|---|--------|--------|
| T45E | Thermal Protection Properties/Heat Transfer Index | 228.00 | 250.80 |
|------|---|--------|--------|

Automotive/Public Transport

| | | | |
|------|---|--------|--------|
| T17A | Vertical Flammability Test e.g. FTMS 191-5903, FAR 25.853 | 161.00 | 177.10 |
| T17B | Horizontal Flammability Test Eg: FTMS 191-5906, MVSS 302, Automotive Standards, ISO 3975 | 301.00 | 331.10 |
| T17C | Ignitability of Upholstered Furniture – Cigarette Test | 166.00 | 182.60 |

Upholstery/Furnishings

| | | | |
|-------|---|--------|--------|
| T17C | Cigarette Test for Furniture Fabrics | 166.00 | 182.60 |
| T17D | Match Flame Equivalent Test for Upholstery Fabrics | 166.00 | 182.60 |
| T17DC | Crib tests (4 - 7) single mock up crib | 387.00 | 425.70 |
| T17DD | Crib Test (4 - 7) per 2 complete assembled seats | 763.00 | 839.30 |
| T18A | Flammability of Materials - AS1530.2 | 436.00 | 479.60 |
| T18B | Early Fire Hazard Properties AS 1530.3 per sample (Ignitability, Spread of Flame, Heat Evolved, Smoke Developed) | 823.00 | 905.30 |

Building Materials

| | | | |
|-------|---|---------|---------|
| T18A | Flammability of Materials - AS1530.2 | 436.00 | 479.60 |
| T18AG | Guidance Test for Flammability of Materials | 226.00 | 248.60 |
| T18B | Early Fire Hazard Properties AS 1530.3 per sample (Ignitability, Spread of Flame, Heat Evolved, Smoke Developed) | 823.00 | 905.30 |
| T18BG | Guidance Test for Early Fire Hazard - (2 specimens) | 343.00 | 377.30 |
| T45C | Critical Heat Flux | 400.00 | 440.00 |
| T45G | Cone Calorimeter - AS/NZS3837 | 1030.00 | 1133.00 |

| | Fee \$ | Total Inc. GST |
|--|-----------|-------------------|
|--|-----------|-------------------|

FEES APPLICABLE TO LAUNDRY SWATCH EVALUATION

| | | | |
|------|--|--------|--------|
| T99A | EMPA #105 Soiled Test Swatch Purchase | 63.00 | 69.30 |
| T99B | EMPA 105 - Colour Evaluation | 77.00 | 84.70 |
| T99C | EMPA #224 Mechanical / Chemical Damage / Colour test swatch Purchase | 93.00 | 102.30 |
| T99D | Total Damage Evaluation | 107.00 | 117.70 |
| T99E | Chemical Damage Evaluation | 240.00 | 264.00 |
| T99F | EMPA 224 - Colour Evaluation | 77.00 | 84.70 |
| T99G | Ash Content | 116.00 | 127.60 |

| | | Fee \$ | Total Inc. GST |
|---|---|-----------|-------------------|
| FEES APPLICABLE TO TESTING GEOTEXTILES | | | |
| T08AG | Mass per Unit Area of Fabric (AS 3706.1) | 102.00 | 112.20 |
| T08B | Width of Fabric (AS 2001.2.12) | 46.00 | 50.60 |
| T10 | Method of measurement of Textiles Fabrics – Thickness (Method 3) (AS 1587) | 72.00 | 79.20 |
| 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) | 142.00 | 156.20 |
| T11E | Tensile Properties - wide strip method (AS 3706.2) | 225.00 | 247.50 |
| T13B | Seam Strength (AS 3706.6) | 123.00 | 135.30 |
| | Pore Size Distribution - dry sieving method (AS 3706.7) | POA | |
| T14 | Bursting Pressure - Hydraulic Diaphragm (Method A) (AS 2001.2.4) | 93.00 | 102.30 |
| T14D | Puncture Resistance - drop cone method (AS 3706.5) | 157.00 | 172.70 |
| T14P | Burst Strength - CBR plunger method (AS 3706.4) | 225.00 | 247.50 |
| T15D | Tearing Strength -trapezoidal method (AS 3706.3) | 122.00 | 134.20 |
| T20F | Abrasion Resistance - Taber method (AS 2001.2.28) | 330.00 | 363.00 |
| T28C | UV / VIS Transmittance | 180.00 | 198.00 |
| T29P | Permittivity (AS 3706.9) | 580.00 | 638.00 |

| | | Fee \$ | Total Inc. GST |
|---|--|-----------|-------------------|
| FEES APPLICABLE TO TESTING TO AS 4254 DUCTWORK FOR AIR HANDLING SYSTEMS IN BUILDINGS | | | |

| | | | |
|------|---|--------|--------|
| T18B | Early Fire Hazard Properties AS 1530.3 per sample (may require two tests depending on duct type) | 823.00 | 905.30 |
| T18D | Burning (may require two tests depending on duct type) | 472.00 | 519.20 |
| T18E | Mould Growth and Humidity | 338.00 | 371.80 |
| T18F | Temperature | 325.00 | 357.50 |
| T18G | Puncture | 65.00 | 71.50 |
| T18H | Static Load | 124.00 | 136.40 |
| T18I | Impact | 124.00 | 136.40 |
| T18J | Pressure | 334.00 | 367.40 |
| T18K | Collapse | 334.00 | 367.40 |
| T18L | Tension | 124.00 | 136.40 |

| | | Fee \$ | Total Inc. GST |
|--|---|-----------|-------------------|
| FEES APPLICABLE TO AUTOMOTIVE TESTING | | | |
| T06 | Snagging (Ford) | 131.00 | 144.10 |
| T07CL | Lint Retention | 104.00 | 114.40 |
| T07D | Pilling- Brush Method | 107.00 | 117.70 |
| T07G | Pilling – Crockmeter | 112.00 | 123.20 |
| T10 | Thickness Testing – Static | 72.00 | 79.20 |
| T11A | Tensile Strength- Automotive Textile Fabrics | 115.00 | 126.50 |
| T12G | Creasing Laminated Fabrics | 126.00 | 138.60 |
| T12H | Stretch Set – Lear | 178.00 | 195.80 |
| T13D | Seam Fatigue | 220.00 | 242.00 |
| T13F | Flex Fold | 220.00 | 242.00 |
| T14 | Bursting Force | 93.00 | 102.30 |
| T14G | Gravelometer | 263.00 | 289.30 |
| T17B | Flammability - Horizontal | 301.00 | 331.10 |
| T17BM | Flammability - Horizontal Burn Mitsubishi (including oven ageing) | 736.00 | 809.60 |
| T20B | Abrasion Flex | 107.00 | 117.70 |
| T20C | Abrasion Flat | 107.00 | 117.70 |
| T20F | Taber Abrasion or Snagging | 330.00 | 363.00 |
| T20FA | Taber Abrasion - Short Term | 171.00 | 188.10 |
| T27C | Fabric Stiffness | POA | |
| T28 | Air Permeability | 131.00 | 144.10 |
| T35D1 | Townsville Exposure | POA | |
| T35Q | QUV - One quarter of a machine / per hour | 3.00 | 3.30 |
| T35Q | QUV - Half of a machine / per hour | 5.00 | 5.50 |
| 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 | 90.00 | 99.00 |
| T52A | Crocking | 53.00 | 58.30 |
| T58A | Bond Strength - Auto | 155.00 | 170.50 |
| T63D | Mildew and Odour | 416.00 | 457.60 |
| T63E | Foam Laminate Curl | 220.00 | 242.00 |
| T64A | Colourfastness to Water Spotting | 67.00 | 73.70 |
| T74 | Frictional Coefficient | 218.00 | 239.80 |
| T84 | Fogging | 272.00 | 299.20 |
| T87 | Hydrogen Sulphide Staining | 152.00 | 167.20 |
| T89A | Oven Ageing - 1 Week | 152.00 | 167.20 |
| T89B | Oven Ageing - 2 Weeks | 305.00 | 335.50 |
| T89C | Oven Ageing - 4 Weeks | 609.00 | 669.90 |
| T89E | Environmental Chamber - Less than 1 week - per day | 550.00 | 605.00 |
| T89E | Environmental Chamber - 1 week to < 6 weeks - per day | 480.00 | 528.000 |
| T89E | Environmental Chamber - 6 weeks to < 13 weeks - per day | 400.00 | 410.00 |
| T89Q | Salt Fog - Short term (<1000 hours) - per hour | 3.50 | 3.85 |

| | | Fee \$ | Total Inc. GST |
|---|--|-----------|-------------------|
| FEES APPLICABLE TO BUOYANCY VEST TESTING | | | |
| T11A | Tensile Strength - Straps* (AS 2001.2.3) | 115.00 | 126.50 |
| T14B | Bursting Strength (AS 2001.2.19) | 115.00 | 126.50 |
| T15A | Tearing Strength (AS 2001.2.10) | 110.00 | 121.00 |
| T35B | Colourfastness to Light* (AS 2001.4.21) | 107.00 | 117.70 |
| T54 | Colourfastness to Seawater* (AS 2001.4.14) | 78.00 | 85.80 |
| T82 Series | Zip Fasteners* (AS 2332) (per test type) | 107.00 | 117.70 |
| T83A | Buoyancy* (AS 2259 App A) | 95.00 | 104.50 |
| T83H | Strength of Fastening Devices* (AS 2259 App H) | 68.00 | 74.80 |
| T83I | Exposure to Kerosene* (AS 2259 App I) | 127.00 | 139.70 |
| T83J | Resistance to Crushing* (AS 2259.3.2) | 118.00 | 129.80 |
| T83K | Resistance to Heat* (AS 2259.3.3) | 244.00 | 268.40 |
| T90C | Coating Adhesion (AS 1441.5) | 203.00 | 223.30 |
| T90D | Flex Cracking (AS 1441.6) | 131.00 | 144.10 |
| T90F | Mass Loss on Heat Ageing (AS 1441.8) | 109.00 | 119.90 |
| | Resistance to Corrosion* | 109.00 | 119.90 |

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

| | | Fee \$ | Total Inc. GST |
|---|---|-----------|-------------------|
| FEES APPLICABLE TO RETROREFLECTIVE MATERIALS | | | |
| T26A | CIL at all angles | 214.00 | 235.40 |
| T26A1 | Retroreflected Colour | 135.00 | 148.50 |
| T26A2 | CIL at one angle | 135.00 | 148.50 |
| T26B | CIL after UV | 287.00 | 315.70 |
| T26C | CIL after washing | 232.00 | 255.20 |
| T26D | CIL after Abrasion | 153.00 | 168.30 |
| T26E | CIL after Temperature | 232.00 | 255.20 |
| T26F | CIL During Rainfall | 236.00 | 259.60 |
| T26G | Retroreflectance of Horizontal Coatings | 220.00 | 242.00 |
| T26R | Calibration of Reflectometer | 850.00 | 935.00 |

| | | Fee \$ | Total Inc. GST |
|---|---|-----------|-------------------|
| FEES APPLICABLE TO SAFETY / HIGH VISIBILITY GARMENT EVALUATION | | | |
| T28A | UPF Factor | 185.00 | 203.50 |
| T28F | Fluorescent Colour Measurement | 142.00 | 156.20 |
| T28FD | Fluorescent Colour Measurement Durability | 230.00 | 253.00 |
| T28G | Garment Evaluation | 174.00 | 191.40 |
| T28H | Non Fluorescent Colour Measurement | 104.00 | 114.40 |
| T35B | Colourfastness to Light - MBTF | 107.00 | 117.70 |
| T36 | Colourfastness to Washing | 70.00 | 77.00 |
| T51A | Colourfastness to Perspiration - Acid | 60.00 | 66.00 |
| T51B | Colourfastness to Perspiration - Alkaline | 60.00 | 66.00 |

| | | Fee \$ | Total Inc. GST |
|---|--|-----------|-------------------|
| FEES APPLICABLE TO LEATHER TESTING FOR FURNISHING APPLICATIONS | | | |
| F12L | pH of Leather | 93.00 | 102.30 |
| F27A | Chromic Acid Content (Wet Oxidation) - Leather | POA | |
| F27B | Chromic Acid Content (Alkaline Fusion) - Leather | POA | |
| T11L | Breaking Force - Leather | 106.00 | 116.60 |
| T15L | Tear Strength | 122.00 | 134.20 |
| T17C | Flammability EN ISO 8191-1 (cigarette) | 166.00 | 182.60 |
| T35A1 | Colourfastness to Light | 130.00 | 143.00 |
| T52L1 | Velsic Rub Fastness EN ISO 11641 | 79.00 | 86.90 |
| T52L2 | Velsic Rub Fastness EN ISO 11640 | 79.00 | 86.90 |
| T90D | Flex Cracking Resistance | 131.00 | 144.10 |
| T90L | Flexing Endurance | 203.00 | 223.30 |

| | | Fee \$ | Total Inc. GST |
|---|---|-----------|-------------------|
| FEES APPLICABLE TO BUILDING PRODUCTS | | | |
| T11P | Breaking Force | 115.00 | 126.50 |
| T14B | Bursting Force – Ball Burst | 115.00 | 126.50 |
| T14P | Burst Strength | 225.00 | 247.50 |
| T15P | Edge Tear Resistance | 122.00 | 134.20 |
| T18A | Flammability of Materials - AS1530.2 | 436.00 | 479.60 |
| T18AG | Guidance Test for Flammability of Materials | 226.00 | 248.60 |
| T18B | Early Fire Hazard Properties AS 1530.3 per sample (Ignitability, Spread of Flame, Heat Evolved, Smoke Developed) | 823.00 | 905.30 |
| T18BG | Guidance Test for Early Fire Hazard - (2 specimens) | 343.00 | 377.30 |
| T19BS | Guarded Hot Plate – Building System | 565.00 | 621.50 |
| T19DW | Guarded Hot Plate - Wet | 711.00 | 782.10 |
| T19S | Guarded Hot Plate – Sampling | 129.00 | 141.90 |
| T29ES | Water Vapour Transmission | 141.00 | 155.10 |
| T45C | Critical Heat Flux | 400.00 | 440.00 |
| T45G | Cone Calorimeter - AS/NZS3837 | 1030.00 | 1133.00 |
| T94A | Resistance to Dry Delamination | 145.00 | 159.50 |
| T94B | Resistance to Wet Delamination | 145.00 | 159.50 |
| T94C | Shrinkage | 652.00 | 717.20 |
| T94D | Resistance to Water Penetration | 145.00 | 159.50 |
| T94E | Emmittance | 302.00 | 332.20 |
| T94F | Water Absorbency | 145.00 | 159.50 |
| T94G | Folding Endurance | 506.00 | 556.60 |
| T94H | Surface Corrosion and Wet Delamination | 667.00 | 733.70 |
| T94R | Reflectance | 180.00 | 198.00 |
| T94T | Transmittance | 180.00 | 198.00 |

| | | Fee \$ | Total Inc. GST |
|---|---|-----------|-------------------|
| FEES APPLICABLE TO HOSPITAL PRODUCTS | | | |
| | Barrier Fabrics | | |
| T08A | Mass | 70.00 | 77.00 |
| T11A | Breaking Force | 115.00 | 126.50 |
| T15A | Tearing Force - Wing Rip | 110.00 | 121.00 |
| T24S | Pre treatment for the following tests-Wascator (5 washes) | 176.00 | 193.60 |
| T29B | Hydrostatic Head - Requires 5 washes pre treatment | 132.00 | 145.20 |
| T29C | Spray Rating - Requires 5 washes pre treatment | 106.00 | 116.60 |
| T29EW | Water Vapour Permeability -Requires 5 washes pre treatment | 141.00 | 155.10 |
| T74 | Surface Friction- Requires 5 washes pre treatment | 218.00 | 239.80 |
| | Cellular Blankets | | |
| T08A | Mass (AS 3789.10) | 70.00 | 77.00 |
| T09 | Threads per Unit Length | 69.00 | 75.90 |
| T11A | Breaking Force -after Laundering | 115.00 | 126.50 |
| T24S | Dimensional Stability - including 5 extra wash & dry cycles | 176.00 | 193.60 |
| T35B | Colourfastness to Light | 107.00 | 117.70 |
| T36 | Colourfastness to Washing | 70.00 | 77.00 |
| T50 | Colourfastness to Water | 61.00 | 67.10 |
| T51A | Colourfastness to Acid Perspiration | 60.00 | 66.00 |
| T51B | Colourfastness to Alkali Perspiration | 60.00 | 66.00 |
| T52A | Colourfastness to Rubbing | 53.00 | 58.30 |
| | Theatre Linen | | |
| T07B | Pilling after Cubex Wash | 61.00 | 67.10 |
| T08A | Mass | 70.00 | 77.00 |
| T09 | Threads per unit Length | 69.00 | 75.90 |
| T11A | Breaking Force | 115.00 | 126.50 |
| T24 | Dimensional Stability - Cubex | 96.00 | 105.60 |
| T35B | Colourfastness to Light | 107.00 | 117.70 |
| T36 | Colourfastness to Washing | 70.00 | 77.00 |
| T50 | Colourfastness to Water | 61.00 | 67.10 |
| T51A | Colourfastness to Acid Perspiration | 60.00 | 66.00 |
| T51B | Colourfastness to Alkali Perspiration | 60.00 | 66.00 |
| T52A | Colourfastness to Rubbing | 53.00 | 58.30 |
| | Towelling | | |
| F17A | Fibre Identification | 55.00 | 60.50 |
| F20 | Fluidity | 252.00 | 277.20 |
| T08A | Mass | 70.00 | 77.00 |
| T09 | Threads per unit Length | 69.00 | 75.90 |
| T09W | Weave Analysis | POA | |
| T11A | Breaking Force | 115.00 | 126.50 |
| T24 | Dimensional Stability | 96.00 | 105.60 |

| | Fee \$ | Total Inc. GST |
|---|-----------|-------------------|
| TECHNICAL INVESTIGATIONS AND CONSULTATIONS | | |
| Senior Management and/or Expert Witness | 406.00 | 446.60 |
| Management and/or Professional Staff | 236.00 | 259.60 |
| Laboratory Technicians | 146.00 | 160.60 |

NOTE: Please contact us if your testing requirements are not listed in this document, we are more than happy to discuss these with you.

CONTACT LIST

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