

Colourfastness Testing

Test Code	Title	Test Fee AUD \$	Estimated Service Time *	Test Method	Approximate sample size required
CF01	Colourfastness to Artificial Light	130	31	AS 2001.4.21	20cm x 20cm
CF01A	Colourfastness to Artificial Light – set time	95	10	AS 2001.4.21	20cm x 20cm
CF01X	Colourfastness to Artificial Light – Xenon arc	150		AS 2001.4.B02 ISO 105 B02	20cm x 20cm
CF02	Colourfastness to Rubbing	62	7	AS 2001.4.3 ISO 105 X12 Target TP07 AATCC 8	50cm x 50cm
CF02P	Colourfastness to Rubbing - Perchloroethylene	70	7	ISO 105 D02	50cmx50cm
CF03	Colourfastness to Water	75	7	AS 2001.4.E01 ISO 105 E01 Target TP05	20cm x 20cm
CF04	Colourfastness to Sea Water	85	7	AS 2001.4.E02 ISO 105 E02 Target TP11	20cm x 20cm
CF05	Colourfastness to Washing	91	7	AS 2001.4.15 ISO 105 C10 or C06 Target TP02, 3, 4	20cmx20cm
CF06	Colourfastness to Drycleaning Solvent	91	7	AS 2001.4.16 ISO 105 D01 Target TP01	20cmx20cm
CF07al	Colourfastness to Perspiration – Alkaline	77	7	AS 2001.4.E04 AS 2001.4.17-1980 ISO 105 E04 Target TP06	20cm x 20cm
CF07ac	Colourfastness to Perspiration - Acidic	77	7	AS 2001.4.E04 AS 2001.4.17-1980 ISO 105 E04 Target TP06	20cm x 20cm
CF10	Label durability	162	10	Target TP13	5 labels
CF15	Colourfastness to Bleaching	149	7	AS 2001.4.11 ISO 105 N01	20cm x 20cm

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Test Code	Title	Test Fee AUD \$	Estimated Service Time *	Test Method	Approximate sample size required
CF17	Colourfastness to Chlorinated Swimming Pool Water	140	7	AS 2001.4.5 ISO 105 E03 Target TP10	20cm x 20cm
CF17T	Colourfastness to Chlorinated Water - Contact	140	7	Target TP10.1	20cm x 20cm
CF19	Colourfastness to Shampoo Solution	103	7	AS/NZS 2111.19.2	20cm x 20cm
CF20	Print check – 3 cycles	120		AS 2001.5.4 (mod.) AATCC 135 (mod.) Target TP12	2 prints
CF22	Phenolic Yellowing	149	5	ISO 105-X18 Target TP19	20cm x 20cm
CF24	Accelerated exposure– Xenon arc	POA		SAE J1960	
CF25	Colour difference – visual comparison	123	5	AS 1580.601.1	20cm x 20cm
CF26	Colour difference measurement	112	5	ISO 105 J03	20cm x 20cm
CF27	Colour measurement	112	5	ISO 105 J01	20cm x 20cm

Fabric Testing

Test Code	Title	Test Fee AUD \$	Estimated Service Time *	Test Method	Approximate sample size required
F01A	Determination of Breaking Force and Elongation -Ravel strip method	168	7	AS 2001.2.3.1 ISO 13934-1 Target TP42	1m x full width
F01B	Determination of Breaking Force and Elongation -Cut strip method	153	7	AS 2001.2.3.1 ISO 13934-1	1m x full width
F01C	Determination of breaking Force and Elongation -Grab method	140	7	AS 2001.2.3.2 ISO 13934-2	1m x full width
F01D	Elastic performance in garment form	136	7	Target TP88	2 garments
F01T	Elastic testing – (Target)	220	7	Target TP80-87	2 metres
F02A	Determination of Tear Force - Wing Rip Method	141	7	AS 2001.2.10 ASTM D5735	1m x full width
F02B	Determination of Tear Force - Falling Pendulum Method	121	7	AS 2001.2.8 ASTM D1424 Target TP41	0.5m x 0.5m
F02C	Determination of Tear Force - Tongue	155	8	ASTM D2261	1.0m x 1.0m
F02D	Determination of Tear Force - Trapezoid tear	155	8	ASTM D5733	1.0m x 1.0m
F02E	Determination of Tear Force - Trouser	155	8	ISO 4674-1	1.0m x 1.0m
F03A	Determination of Seam Breaking Force – Strip	187	7	ISO 13935-1	1m seam
F03C	Determination of Seam Breaking Force - Grab	141	7	AS 2001.2.20 ISO 13935-2	1m x full width <i>with seams</i>

Test Code	Title	Test Fee AUD \$	Estimated Service Time *	Test Method	Approximate sample size required
F04	Determination of Yarn Slippage At Standard Seam	152	7	AS 2001.2.22 Target TP40	1.0m x 1.0m
F04A	Determination of Seam Opening	138	7	AS 2001.2.21 Target TP40	1.0m x 1.0m <i>with seams</i>
F05	Bursting Pressure - Hydraulic Diaphragm Method	131	7	AS 2001.2.4 Target TP54	1.0m x 1.0m
F05B	Bursting Pressure – Ball burst	131	7	AS 2001.2.19	1.0m x 1.0m
F06	Determination of Abrasion Resistance to 30,000 cycles	149	5-14	AS 2001.2.25 ISO 12947 Target TP62	20cm x 20cm <i>or 2 pattern repeats</i>
F06X	Abrasion Resistance - per additional 20,000 cycles	60			
F06F	Abrasion Resistance - frosting	135	7	Target TP63	20cm x 20cm
F07	Determination of Pilling Resistance - Martindale	80	7	TWC TM 196 Target TP61	0.5m x 0.5m
F07B	Pilling Resistance - Martindale– after washing	121	7	AS 3789.6, app D	0.5m x 0.5m
F07i	Modified Martindale Pilling Resistance	80	7	ISO 12945-2	0.5m x 0.5m
F07ix	- per additional rating	20			
F08	Determination of Pilling Resistance - Pillbox Method	125	8	ISO 12945-1 Target TP60 TWC TM 152	0.5m x 0.5m
F08A	Determination of Snagging Resistance - Pillbox	125	8	ICI 444 Target TP64	0.5m x 0.5m 0.5m x 0.5m
F09	Spirality only (one wash cycle)	122	6	ISO 16322.2	1.0m x 1.0m or 1 garment
F09T	Spirality only (three wash cycles)	162	8	Target TP30 AATCC 179	1.0m x 1.0m or 1 garment
F10	Threads per unit length	102	7	AS 2001.2.5 ISO 7211/2 Target TP25	0.5m x 0.5m
F10X	Weave Analysis	from 106	8		
F11	Wales/Courses per unit length	from 102	7	AS 2001.2.6 Target TP25	0.5m x 0.5m
F12	Fabric Width	112	7	AS 2001.2.12	1m x full width
F12A	Article Dimensions	112	7	Target TP23	2 articles
F13	Qualitative Fibre Identification (1 fibre)	116	5-14	AS 2001.7	20cm x 20cm
F13A	per additional fibre	90		AATCC 20 ASTM D629 Identification of Textile Fibres	
F14	Quantitative Fibre Analysis (2 fibres)	257	7	AS 2001.7	0.5m x 0.5m
F14A	Quantitative Fibre Analysis (3 fibres)	424	10	AATCC 20A	
F14B	Quantitative Fibre Analysis (4 fibres)	578	10-18	ASTM D629	
F15	Mass per Unit Area	80	5	AS 2001.2.13 ISO 3801 Target TP20	0.5m x 0.5m
F16	Fabric Thickness	81	7	AS 2001.2.15	0.5m x 0.5m

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Test Code	Title	Test Fee AUD \$	Estimated Service Time *	Test Method	Approximate sample size required
F17	pH of Aqueous Extract	120	8	AS 2001.3.1	
F21	Solvent Soluble Matter	141	10	AS 2001.3.4 TWC TM136	0.5m x 0.5m
F22	Water Repellency - Hydrostatic Head	140	8	AS 2001.2.17	1.0m x 1.0m
F23	Water Repellency - Spray Rating	130	7	AS 2001.2.16 AATCC 22 Target TP71	1.0m x 1.0m
F23A	Water Repellency – Impact Penetration Test	150	8	AATCC 47	
F24	UPF Rating – ARPANSA (subcontracted)	POA	10	AS 4399	0.5m x 0.5m
F25	Air permeability	155	7	AS 2001.2.34	0.5m x 0.5m
F27	Stretch & Recovery	180	7	BS 4952 BS EN 14704.1 BS 4294-1968	1.0m x 1.0m
F27T	Stretch & Recovery - Woven Fabric (Target only) Stretch & Recovery – Knits (Target only) Stretch & Recovery - Stretch Knits (Target only)	180	7	Target TP44/45 Target TP50/51 Target TP52/53	0.5m x 0.5m
F28A	Dimensions - Incontinence Products	63	12	TM 001 Part A	1 article
F28B	Dimensional Stability - Incontinence Products	285		TM 001 Part B	
F28C	Ease of Absorption & Spread Rate	103		TM 001 Part C	
F28D	Wetting Properties	66		TM 001 Part D	
F28E	Fluid Absorption	81		TM 001 Part E	
F29	Linting of towels	208	8	Target TP29	2 full towels
F31	Absorbency of textiles – Water drop test	122	7	AATCC 79 Target TP70	0.5m x 0.5m
F32	Moisture Management Properties – MMT	250	10	AATCC 195	0.5m x 0.5m
F33	Thermal Resistance – Sweated Guarded Hotplate	420	14	ISO 11092	1.0m x 1.0m
F34	Moisture Vapour Resistance – Sweated Guarded Hotplate	450	14	ISO 11092	1.0m x 1.0m
F35	Water Repellency - Drop test	115	7	3M Test I Target TP76	0.5m x 0.5m
F37A	Thermal resistance – thermal manikin	POA			
F37B	Moisture Vapour resistance – thermal manikin	POA			
F38	Water Absorption Test (% water content)	120	7	Target TP73 RMIT TM003	0.5m x 0.5m
F39	Oil Repellency - drop test	115	8	3M Test I AS 3789.6, App C Target TP76	0.5m x 0.5m
	[†] (price excludes applicable pre-treatment)				
F40	Wicking	179	7	Target TP77	0.5m x 0.5m
F40A	Vertical Wicking	197	7	AATCC 197	0.5m x 0.5m
F41	Crease Appearance After Laundering	145	8	AATCC 88C	1 garment
F42	Fabric Appearance After Laundering	145	8	AATCC 124	1 garment
F42T	Wrinkle Resistance	145	8	Target TP46	1 garment
F43	Seam Appearance After Laundering	145	8	AATCC 88B	1 garment
F44	Garment Appearance After Laundering	155	8	AATCC 143	2 garments
F45	Stain Release After Laundering	232	8	AATCC 130	0.5m x 0.5m

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Test Code	Title	Test Fee AUD \$	Estimated Service Time *	Test Method	Approximate sample size required
				Target TP75	
F46	Wrinkle Recovery of Fabrics - Recovery angle <i>(price excludes applicable pre-treatment)</i>	147	8	AATCC 66 Target TP43	0.5m x 0.5m
F47	Stiffness of cloth	134	8	AS 2001.2.9	1.0m x 1.0m
F48	Appearance After Laundering	120	6	Target TP16	1 garment
F49	Trim appearance (contact) after laundering	120	6	Target TP15	2 articles
F50A	Coated fabrics – coating adhesion	165	8	AS 4878.8	0.5m x 0.5m
F50B	Coated fabrics – blocking resistance	127	8	Def(AUST) A29	0.5m x 0.5m
F99	UV Exposure per week, per barrel	95	9	AS 2001.4.21	TBA

Fibre & Yarn Testing

Test Code	Title	Test Fee AUD \$	Estimated Service Time *	Test Method	Approximate sample size required
F13	Qualitative Fibre Identification (1 fibre)	116	5-14	AS 2001.7	20cm x 20cm
F13A	per additional fibre	90		AATCC 20 ASTM D629 Identification of Textile Fibres	
F14	Quantitative Fibre Analysis (2 fibres)	257	7	AS 2001.7	0.5m x 0.5m
F14A	Quantitative Fibre Analysis (3 fibres)	424	10	AATCC 20A	
F14B	Quantitative Fibre Analysis (4 fibres)	578	10-18	ASTM D629	
F17	pH of Aqueous Extract	120	8	AS 2001.3.1	
F18	Fibre diameter – projection microscope	280	10	AS 2001.2.1	
F21	Solvent Soluble Matter	141	10	AS 2001.3.4 TWC TM136	0.5m x 0.5m
Y01	Yarn Evenness - Uster	116	10	ASTM D1425	2500m minimum
Y01A	Sliver Evenness - Uster	116	10	ASTM D1425	150m minimum
Y02	Yarn Breaking Load	116	10	AS 2001.2.7	1 cone / 100m
Y03A	Determination of Yarn Twist - Singles	135	10	AS 2001.2.14	1 cone / 100m
Y03B	Determination of Yarn Twist - Ply	120	10	AS 2001.2.14	1 cone / 100m
Y04	Yarn Linear Density – From a cone	90	10	AS 2001.2.23	2500m minimum
Y05	Yarn Linear Density – per yarn	122	10	ISO 7211/5	0.5m x 0.5m
Y05w	Yarn Linear Density – Woven fabric	244	10	ISO 7211/5	1.0m x 1.0m
Y05k	Yarn Linear Density – Knitted fabric	122	10	ISO 7211/5	0.5m x 0.5m
Y07	Pile Ratio - towelling	113	10	ISO 7211/3	0.5m x 0.5m

Flammability Testing

Test Code	Title	Test Fee AUD \$	Estimated Service Time *	Test Method	Approximate sample size required
I01	Ease of Ignition	170	7	AS 2755.1 ISO 6940	1.0m x 1.0m
I02	Flame Spread Time	130	7	AS 2755.2 ISO 6941	3.5m x 3.5m
I02c	Flame Spread Time & Melt Drip Testing	130	7	AS/NZS 1249-2014	2.0m x 2.0m
I03	Washing pre-treatment AS/NZS 1249	70		AS/NZS 1249	
I04	Surface Burning Time	120	7	AS 2755.3 ISO 10047	1.0m x 1.0m
I05	Children's Nightwear Assessment	133	7	AS/NZS 1249	1 full garment
I06	AS/NZS 1249 Label Durability and Assessment	114	7	AS/NZS 1249	6 labels or 3 garments
I09	Limited Flame Spread	145	7	ISO 15025	2m x 2m

Floorcovering Testing

Test Code	Title	Test Fee AUD \$	Estimated Service Time *	Test Method	Approximate sample size required
FC01	Thickness of Carpet	91	10	AS/NZS 2111.1	0.5m x 0.5m
FC02	Thickness Loss – Dynamic loading	112	10	AS/NZS 2111.2	0.5m x 0.5m
FC03	Mass per unit Area	105	10	AS/NZS 2111.3	1.0m x 1.0m
FC04	Surface Pile Mass	183	10	AS/NZS 2111.4	1.0m x 1.0m
FC04a	Surface Pile Mass -Corrected Regain	226	12	AS/NZS 2111.4	1.0m x 1.0m
FC05	Solvent Soluble Matter	203	10	AS 2001.3.4	1.0m x 1.0m
FC06	Pile Thickness	139	10	AS/NZS 2111.5	0.5m x 0.5m
FC07	Tufts per unit Length	139	10	AS/NZS 2111.9	1.0m x 1.0m
FC08a	Thickness Loss – Static loading short term	139	10	AS/NZS 2111.13	0.5m x 0.5m
FC08b	Thickness Loss – Static loading long term	139	10	AS/NZS 2111.14	0.5m x 0.5m
FC09	Tuft Withdrawal	144	10	AS/NZS 2111.15	1.0m x 1.0m
FC10	Bond Strength	184	10	AS/NZS 2111.16	1.0m x 1.0m
FC17	Work of Compression – Underlay (incl. FC02)	332	10	AS 4288	0.5m x 0.5m
FC18	Resistance to cracking – Underlay	90	10	AS 4288	0.5m x 0.5m
FC19	Breaking load and extension at Break – Underlay	197	10	ISO 9073-3	1.0m x 0.5m

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Hospital Textile Testing

Test Code	Title	Test Fee AUD \$	Estimated Service Time *	Test Method	Approximate sample size required
CF01	Colourfastness to Artificial Light	130	31	AS 2001.4.21	20cm x 20cm
CF02	Colourfastness to Rubbing	62	7	AS 2001.4.3	50cm x 50cm
CF03	Colourfastness to Water	75	7	AS 2001.4.E01	20cm x 20cm
CF05	Colourfastness to Washing	91	7	AS 2001.4.15	20cmx20cm
CF07al	Colourfastness to Perspiration – Alkaline	77	7	AS 2001.4.E04	20cm x 20cm
CF07ac	Colourfastness to Perspiration - Acidic	77	7	AS 2001.4.E04	20cm x 20cm
F01A	Determination of Breaking Force and Elongation	168	7	AS 2001.2.3.1	1m x full width
F07B	Pilling Resistance - Martindale– after washing	121	7	AS 3789.6, app D	0.5m x 0.5m
F10	Threads per unit length	102	7	AS 2001.2.5	0.5m x 0.5m
F10X	Weave Analysis	from 106	8		
F15	Mass per Unit Area	80	5	AS 2001.2.13	0.5m x 0.5m
F22	Water Repellency - Hydrostatic Head	140	8	AS 2001.2.17	1.0m x 1.0m
F23	Water Repellency - Spray Rating	130	7	AS 2001.2.16	1.0m x 1.0m
F23A	Water Repellency – Impact Penetration Test	150	8	AATCC 47	
S02	Dimensional Stability to Washing – one wash cycle	122	5	AS 2001.5.4	1.0m x 1.0m
S02A	Additional laundering cycles – per cycle	20		AATCC 135	
S02P	Initial pre-treatment wash - any machine	56		ISO 6330	
S05	Dimensional Stability to Washing - Cubex	134	5	AS 2001.5.5	1.0m x 1.0m
S11	Dimensions of Blankets after Laundering	278	8	AS 2789.10	1 blanket
Y05	Yarn Linear Density – per yarn	122	10	ISO 7211/5	0.5m x 0.5m
Y07	Pile Ratio - towelling	103	10	ISO 7211/3	0.5m x 0.5m

Non-routine Testing

Test Code	Title	Test Fee AUD \$	
A01a	Non-routine testing – technical officer	168	Fees are charged on an hourly basis, minimum charge of 1 hour
A01b	Technical investigation – senior staff	300	Fees are charged on an hourly basis, minimum charge of 1 hour
A01c	Letter of opinion – senior staff	300	Fees are charged on an hourly basis, minimum charge of 1 hour
A01d	Expert Witness	POA	Fees are charged on an hourly basis, minimum charge of 1 hour
A02	Reprint report	34	
A03	Replacement report – client request	47	
A05	Photographic insertion into report	71	
A15	Body Scan	600	Fees are charged on an hourly basis, minimum charge of 1 hour

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Shrinkage & Dimensional Stability Testing

Test Code	Title	Test Fee AUD \$	Estimated Service Time *	Test Method	Approximate sample size required
F09	Spirality only (one wash cycle)	122		ISO 16322.2	1.0m x 1.0m or 1 garment
F09T	Spirality only (three wash cycles)	162		Target TP30 AATCC 179	1.0m x 1.0m or 1 garment
S01	Dimensional Stability to Relaxation in Water	136	5	AS 2001.5.3	1.0m x 1.0m
S02	Dimensional Stability to Washing – one wash cycle	122	5	AS 2001.5.4	1.0m x 1.0m
S02A	Additional laundering cycles – per cycle	20		AATCC 135	
S02P	Initial pre-treatment wash - any machine	56		ISO 6330	
S03	Dimensional Stability to Drycleaning	281	8	AS 2001.5.7 ISO 3175	1.0m x 1.0m
S03A	Additional drycleaning cycles - per cycle	125		AS 2001.5.7	
S03C	Dimensional stability to Drycleaning – commercial	110	8	Target TP31	1.0m x 1.0m
S03M05	Drycleaning cycles - 5 cycles	783	8	ISO 3175	as required
S03M15	Drycleaning cycles - 15 cycles	1601	10	ISO 3175	
S04B	Dimensional Stability to Steam	175	10	MCT 1287 pt 2 MCT 1287A	1.0m x 1.0m
S04D	Dimensional Stability to Heat	150	5	AS 1287 pt 4	1.0m x 1.0m
S04E	Dimensional Stability to Pressing	129	6	AS 2001.5.1	1.0m x 1.0m
S05	Dimensional Stability to Washing - Cubex	134	5	AS 2001.5.5	1.0m x 1.0m
S08	Felting and Relaxation Shrinkage	210	6	Woolmark TM 31	1.0m x 1.0m
S09	Dimensional Stability - Yarn shrinkage	169	8	AS 2001.5.6	1 cone minimum
S10	Dimensional Stability – three wash cycles	162	5	AS 2001.5.4 ISO 6330 AATCC 135 Target TP32-39	1.0m x 1.0m
S11	Dimensions of Blankets After Laundering	278	8	AS 3789.10	1 blanket
S12	Dim Stab to Washing & Hanging (including wash)	140	5	AS 2663.1 App B	1.0m x 1.0m
S13	Dim Stab to D/C & Hanging (including dryclean)	336	9	AS 2663.1 App B	1.0m x 1.0m
S14	Change in length due to Hanging	110	5	AS 2663.1 App B	1.0m x 1.0m
S20	Dimensional Stability - Hygral Expansion	POA	5	AS 2001.5.2	1.0m x 1.0m

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Comfort Testing

Test Code	Title	Test Fee AUD \$	Estimated Service Time *	Test Method	Approximate sample size required
F22	Water Repellency - Hydrostatic Head	140	8	AS 2001.2.17	1.0m x 1.0m
F23	Water Repellency - Spray Rating	130	7	AS 2001.2.16	1.0m x 1.0m
F23A	Water Repellency – Impact Penetration Test	150	8	AATCC 47	
F25	Air permeability	155	7	AS 2001.2.34	0.5m x 0.5m
F31	Absorbency of textiles – Water drop test	122	7	AATCC 79 Target TP70	0.5m x 0.5m
F32	Moisture Management Properties – MMT	250	10	AATCC 195	0.5m x 0.5m
F33	Thermal Resistance – Sweated Guarded Hotplate	420	14	ISO 11092	1.0m x 1.0m
F34	Moisture Vapour Resistance – Sweated Guarded Hotplate	450	14	ISO 11092	1.0m x 1.0m
F35	Water Repellency - Drop test	115	7	3M Test I Target TP76	0.5m x 0.5m
F37A	Thermal resistance – thermal manikin	POA		ASTM F1291	
F37B	Moisture Vapour resistance – thermal manikin	POA		ASTM F2370	
F38	Water Absorption Test (% water content)	120	7	Target TP73 RMIT TM003	0.5m x 0.5m
S02P	Initial pre-treatment wash - any machine	56		ISO 6330	
S02A	Additional laundering cycles – per cycle	20		AATCC 135	