



**S.NO TEST DESCRIPTION**

**METHODS**

**APPEARANCE & DIMENSION**

1	Dimensional Stability to Washing (1st Wash)	ISO 6330 -ISO 5077
2	Dimensional Stability to Washing (3rd Wash)	AATCC 135/150 -ISO 6330 -ISO 5077
3	Dimensional Stability to Washing (5th Wash)	AATCC 135/150 -ISO 6330 -ISO 5077
4	Dimensional Stability to Hand Washing	LS & CO 45
5	Dimensional Stability to Commercial Drycleaning	AATCC 158 - ISO 3175
6	Dimensional Stability to Steam Press	ASTM -2724
7	Appearance After Washing (1st Wash)	AATCC 135/150 -ISO 6330 -ISO 5077
8	Appearance After Washing (3rd Wash)	AATCC 135/150 -ISO 6330 -ISO 5077
9	Appearance After Washing (5th Wash)	AATCC 135/150 -ISO 6330 -ISO 5077
10	Demnsional Stability After Commecial Laundering (1st Wash)	AATCC 96 : 2004
11	Demnsional Stability After Commecial Laundering (3rd Wash)	AATCC 96 : 2004
12	Demnsional Stability After Commecial Laundering (5th Wash)	AATCC 96 : 2004
13	Appearance After Commecial Laundering (1st Wash)	AATCC 96 : 2004
14	Appearance After Commecial Laundering (3rd Wash)	AATCC 96 : 2004
15	Appearance After Commecial Laundering (5th Wash)	AATCC 96 : 2004
16	Each Garment Ironing	IN HOUSE TEST METHOD
17	Steam Pressing iron	IN HOUSE TEST METHOD
18	Actual Dimension	ASTM D 2122
19	Spirality / Skewness (1st Wash)	AATCC-179 ISO 16322-2
20	Spirality / Skewness (3rd Wash)	AATCC-179 ISO 16322-2
21	Spirality / Skewness (5th Wash)	AATCC-179 ISO 16322-2
22	Surface Smoothness	IN HOUSE TEST METHOD
23	Retention of Creases in Fabrics after Home Laundering (3rd Wash)	AATCC 88C:2010
24	Retention of Creases in Fabrics after Home Laundering (5th Wash)	AATCC 88C:2010
25	Appearance after Bonded Fused & laminatged Apparel	AATCC 136:2003
26	Print Durability after (1st Wash)	AATCC 135/150 -ISO 6330 -ISO 5077
27	Print Durability after (3rd Wash)	AATCC 135/150 -ISO 6330 -ISO 5077
28	Print Durability after (5th Wash)	AATCC 135/150 -ISO 6330 -ISO 5077
29	Print Durability after Commercial Laundering (1st Wash)	AATCC 96 : 2004
30	Print Durability after Commercial Laundering (3rd Wash)	AATCC 96 : 2004
31	Print Durability after Commercial Laundering (5th Wash)	AATCC 96 : 2004
32	Absorbency (Flow test method)	AATCC 79
33	Flammability	16 CFR 1610 - ASTM D 1230
34	Fabric Width	ASTM D 3744 :96
35	Fabric Weight	ASTM D 3776 - BS EN 12127 - ISO 3801
36	Stitch Density (Wales & Coarses)	ASTM D 3887 - BS 5441
37	Care Labelling	ASTM D 3136/ ASTM D 5489
38	Appearance After Laundering (1st Wash)	AATCC-124, AATCC 143, ISO-7768
39	Appearance After Laundering (3rd Wash)	AATCC-124, AATCC 143, ISO-7768
40	Appearance After Laundering (5th Wash)	AATCC-124, AATCC 143, ISO-7768



# TEX TEST LABORATORY

Testing Solutions Company

## **COLOR FASTNESS**

40	Colorfastness to Washing	ISO 105 C10
41	Colorfastness to Washing	ISO 105 C10 (E5)
42	Colorfastness to Rubbing / Crocking	AATCC 8 ISO 105X12
43	Colorfastness to Perspiration Acidic / Alakline	AATCC 15 -ISO 105 E04, DIN 53160-1
44	Colorfastness to Light	AATCC 16 -ISO 105 B 02
45	Colorfastness to Chlorinated Pool Water	AATCC 162 - ISO 105 E03
46	Colorfastness to Water	AATCC 107 - ISO 105 E01
47	Colorfastness to Sea Water	AATCC 106 -ISO 105 E02
48	Colorfastness to Chlorine Bleach	AATCC/ASTM TS-001
49	Colorfastness to Non-chlorine Bleach	AATCC/ASTM TS-001
50	Colorfastness to Non-chlorine Bleach in Actual Laundering (3rd Wash)	AATCC-172
51	Colorfastness to Non-chlorine Bleach in Actual Laundering (5th Wash)	AATCC-172
52	Colorfastness to Accelerated Laundering	ISO 105 C06, AATCC-61
53	Colorfastness to Perspiration Acidic / Alakline	AATCC 15 - ISO 105 E04
54	Colorfastness to Phenolic Yellowing	AATCC 23 -2010 - ISO 105X18:2007
55	Colorfastness to Dye Transfer in Storage	AATCC 163
56	Colorfastness to Drycleaning	AATCC 132 - ISO 105 D01

## **ACCESSORIES**

57	Colorfastness of Zippers to Drycleaning	AATCC 132 - ISO 105 D01
58	Colorfastness of Zippers to Light	ASTM D2053
59	Colorfastness of Zippers Tapes to Crocking	ASTM D2054
60	Colorfastness of Zippers to Laundering	ASTM D2057
61	Durability of Finish of Zippers to Drycleaning	ASTM D2051
62	Measuring Zipper Dimensions	ASTM D 2060 , ASTM D 3657
63	Durability of Finish of Zippers to Laundering	ASTM D2051

## **COUNT / COMPOSITION / CONTENTS**

64	Fiber Composition	Known Fibers (PC/Cotton)	AATCC 20(A) - ASTM D276 - ASTM D269- ISO1833
65	Fiber Composition	Un-Known Fibers	AATCC 20(A) - ASTM D276 - ASTM D269- ISO1833
66	Towel Physical Composition ( min. range 12"x12")		ISO 7211-6
67	Towel Physical Composition ( max. range 40"x70")		ISO 7211-6
68	Count of Woven Fabric (Warp / Weft)		ASTM D3775-ISO 7211-5
69	Count of Towel (Pile / Ground / Weft)		ASTM D3775-ISO 7211-5
70	Count of Knitted Fabric		ASTM D3775-ISO 7211-5
71	Fabric Construction (Reed/Pick)		ISO 7211-2



# **TEX TEST LABORATORY**

Testing Solutions Company

## **YARN & FIBER**

72	Yarn Count / Denier of Yarn Cone (1-4 cones)	ASTM D 1907, ISO 2060
73	Lea Strength ( 1-4 cones)	ASTM D 1578 - ISO 2062
75	C.L.S.P (with yarn count & Strength)	
76	Twist per Inch (TPI) (1-4 cones)	ASTM D 1422, 1423 - ISO 2061
77	T.M (with count & TPI)	
78	Yarn Un-evenness% (UT-3) (1-4 cones)	ASTM D 1425
79	Moisture Content	ASTM D 2495 07 (2012) / ASTM D 1576 D-13
78	Oil Content	
79	Yardage Length in Cone upto 3000	IN HOUSE TEST METHOD
80	Yardage Length in Cone upto 5000	IN HOUSE TEST METHOD
81	Yarn Size	
82	Single Yarn Strength	
83	Type of Yarn (Ring / Open End)	
84	Type of Yarn (Combed / Carded)	

## **STRENGTH & TENSIONS**

84	Tensile Strength Fabrics Tensile - (Strip Method)	ASTM D 5035 - BS EN ISO 13934 -1
85	Tensile Strength Fabrics Tensile - (Grab Method)	ASTM D 5034 - BS EN ISO 13934 -2
86	Tear Strength (Elmendorf Method)	ASTM D 1424 - BS EN ISO 13937 -1
87	Bow & Skewness	ASTM D 3882
88	Bursting Strength	ASTM D3786 - BS EN ISO 13938-1 / 2
89	Seam Slippage	ASTM D434 - ISO 13936-1 /2
90	Seam Breaking Strength	ASTM D1683 - ISO 13935 -1/2
91	Pilling Resistance	ASTM D 4970 - ISO 12945-2
92	Abrasion Resistance	ASTM D 4966 - ISO 12947
93	Stretch & Recovery	
94	Zipper Strength (Per Section)	
95	Button Strength	
96	Button Tension Test	

## **CHEMICAL**

97	pH Determination	AATCC 81 - BS EN 1413 - ISO 3071
98	Formaldehyde Content (Free Form)	BS EN 14184 -1
99	Formaldehyde Content (Release Form)	BS EN 14184 -2, AATCC 112
100	Formaldehyde Spot Test	QUALITATIVE ANALYSIS
101	Lead Content	ISO 6101-2
102	Nickel Release	EN 1811
103	Azo Dyes Test	
104	Phthalate Test	
105	Cadmium Test	