



**ACCREDITATION
DOCUMENT**

F-06/02
Issue Date: 25/05/08
Rev. No: 05
LAB 030

Testing Laboratory

Accreditation Scope of BV Consumer Products Services Pakistan (PVT) Limited, 191-S Quaid-e-Azam Industrial Area, Kot Lakhpat, Lahore, Pakistan.

Permanent laboratory premises

Materials/ Products tested	Types of test/ Properties measured	Range of measurement	Minimum detection limit	Uncertainty of Measurement (where applicable) MU (±)	Standard specification/ Techniques/ equipment used
Garment / Fabric	Mass Per unit area (weight)	21 GSM - 310 GSM	0.001 g	0.01 g	ASTM D 3776-2009
Garment / Fabric	Dimensional changes to Automatic Home Laundering of woven & knit fabrics	5 % - 30 %	1 %	0.5 %	AATCC-135: 2004
Garment / Fabric	Breaking strength & Elongation textiles fabric (Grab Test)	1.0 lb - 1000 lb	0.1 lb	3.73 lbf	ASTM D5034 :2009
Garment / Fabric	Tearing Strength of fabrics (Single Rip)	1.0 lb - 1000 lb	0.1 lb	0.388 lbf	ASTM D2261(Consta nt rate of extension tensile testing machine)2007
Garment / Fabric	Flammability	5 sec - 90 sec	2 Sec	1.39 Sec	ASTM D3512: 2005
Garment / Fabric	Pilling Resistance and other related surface changes of textiles fabrics	Class 1.0 - 5.0	Class 1.0	Class 0.5	ASTM D3512: 2007 Random Pilling Tester
Garment / Fabric	Color Fastness to Washing (Accelerated)	Class 1.0 - 5.0	Class 1.0	Class 0.5	AATCC-61: 2009

27-08-2011
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Garment / Fabric	Color Fastness to Crocking	Class 1.0 - 5.0	Class 1.0	Class 0.5	AATCC-08: 2007
Garment / Fabric	Color Fastness to Perspiration	Class 1.0 - 5.0	Class 1.0	Class 0.5	AATCC-15: 2009
Garment / Fabric	Smoothness of seams in fabric after repeated laundering.	Class 1.0 - 5.0	Class 1.0	Class 0.5	AATCC-88B: 2006
Garment / Fabric	Fiber Analysis: Qualitative	Qualitative	Qualitative	Not Applicable	AATCC 20:2007
Garment / Fabric	Fiber Analysis	5 % - 100 %	2.0 %	0.33 %	AATCC 20A: 2008
Garment / Fabric	Water Repellency: Spray Test	Class 1.0 - 5.0	Class 1.0	Class 0.5	AATCC-22: 2005
Garment / Fabric	pH of Water- extract from Wet	4 - 10	1.0	0.5	AATCC-81: 2006
Garment / Fabric	Color Fastness to Light	Class 1.0 - 5.0	Class 1.0	Class 0.5	AATCC16- 2004
Garment / Fabric	Color Fastness to Light	Class 1.0 - 5.0	Class 1.0	Class 0.5	ISO-105-B02
Fabric / Product	Absorbency of Bleached Textiles	5 Sec - 60 Sec	2 Sec	0.5 Sec	AATCC-79: 2007
Fabric / Product	Flammability of Textile	5 Sec - 100 Sec	2 Sec	1.39 Sec	16 CFR 1610
Garment / Fabric	Sharp point in toys and other articles	0.015 inch-0.04 inch (under one pound force)	Visual Assessment	Not Applicable	16CFR 1500.48
Garment / Fabric	Sharp point in toys and other articles	up to 30mm(under 2 pound force)	Visual Assessment	Not Applicable	16CFR 1500.49

Materials/ Products tested	Types of test/ Properties measured	Range of measurement	Minimum detection limit	Uncertainty of Measurement (where applicable) MU (+)	Standard specification/ Techniques/ equipment used
Garment / Fabric	Torque test	2 lbs – 9 lbs	1lbs	0.2 lbs	16 CFR 1500.50,51-53
Garment / Fabric	Tension	2 Kgf – 29 Kgf	1 Kgf	0.3 Kgf	16 CFR 1500.50,51-53
Garment / Fabric	Colourfastness to water	Class 1.0 - 0.05	Class 1.0	Class 0.5	BS EN ISO- 105- E01(2010)
Garment / Fabric	Colourfastness to perspiration	Class 1.0 - 0.05	Class 1.0	Class 0.5	BS EN ISO- 105-E04 (2008)
Garment / Fabric	Colourfastness to crocking	Class 1.0 - 0.05	Class 1.0	Class 0.5	BS EN ISO- 105-X12 (2001)
Garment / Fabric	Colourfastness to washing	Class 1.0 - 0.05	Class 1.0	Class 0.5	BS EN ISO- 105-C06 (2010)
Garment / Fabric	Domestic Washing & Drying procedure	5 % - 30 %	1.0 %	1.3 %	BS EN ISO6330 (2000)
Garment / Fabric	Determination of skew ness/ spirality after laundering	10 cm – 100 cm	0.2 cm	0.33 % (Option 1) 0.57 % (Option 2) 0.16 % (Option 3)	BS EN ISO16322-1- 2-3 (2005)
Garment / Fabric	Presence of Chocking, aspiration or ingestion hazard because of small parts	Cylinder dimensions Diameter(31.77mm)de pth one side(25.4mm) other side(57.1mm)	Visual Assessment	Not Applicable	16 CFR 1501
Textile/Fabric Product	p.H	4.0 – 10.0	0.1	0.02	ISO 3071
Textile/Fabric Products	Formaldehyde (Free and	20 – 3500 ppm	5.0 ppm	0.86 ppm	ISO14184-1 ISO14184-2

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	Hydrolyzed)				
Textile/Fabric Products	Formaldehyde (Released method)	20 – 3500 ppm	2.5 ppm	0.43 ppm	AATCC112
Textile/Fabric Products	Lead in Paint	≥15 ppm	15 ppm	0.08 ppm	CPSC-CH-E- 1003-09.1
Textile/Fabric Products	Lead in Metal	≥15 ppm	7.5 ppm	0.04 ppm	CPSC-CH-E- 1001-08.1
Textile/Fabric Products	Lead in Non-metal	≥15 ppm	7.5 ppm	0.04 ppm	CPSC-CH-E- 1002-08.1

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