

<b>Laboratory</b>	<b>Textile Testing Services Limited, Nayapara, Kashimpur, Gazipur, Bangladesh</b>		
<b>Accreditation Standard</b>	<b>ISO/IEC 17025: 2005</b>		
<b>Discipline</b>	<b>Mechanical Testing</b>	<b>Issue Date</b>	<b>31.03.2014</b>
<b>Certificate Number</b>	<b>T-1725</b>	<b>Valid Until</b>	<b>30.03.2016</b>
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<b>S.No.</b>	<b>Product / Material of Test</b>	<b>Specific Test Performed</b>	<b>Test Method Specification against which tests are performed</b>	<b>Range of Testing / Limits of Detection</b>
<b>I. TEXTILES &amp; RELATED PRODUCTS</b>				
<b>1.</b>	<b>FABRIC/ GARMENT</b>	Mass Per Unit Area	ASTM D 3776 : 2013 (Option C) ISO 3801: 1977 Method 5 BS EN 12127:2007	20 GSM to 1000 GSM
		Fabric Propensity to Surface Fuzzing and to Pilling – Part 1 : Pill Box Method Part 2 : Modified Martindale Method	ISO 12945-1 : 2000 ISO 12945-2 : 2000	Grade : 1 to 5 Grade : 1 to 5
		Pilling Resistance - Random Tumble Pilling method	ASTM D 3512 : 2012	Grade : 1 to 5
		Bursting Strength and Bursting Distension Pneumatic method	ISO 13938-2 : 1999	25 kPa to 900 kPa (25 to 900) kN/m <sup>2</sup>
		Breaking Strength and Elongation (Grab method )	ASTM D 5034 : 2013 ISO 13934-2 : 1999	60 N to 3000 N 5% to 60%
		Breaking Strength and Elongation (Strip method)	ASTM D 5035 : 2011 ISO 13934-1 : 2013	60 N to 3000 N 5% to 60%
		Flammability	ASTM D 1230 : 2010	Class :1-3

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		Dimensional Changes of Fabrics after Home Laundering :		
		Fabrics	AATCC 135 : 2012	-40% to +40%
		Garments	AATCC 150 : 2012	-40% to +40%
		Domestic Washing and Drying Procedures for Textile Testing	ISO 6330 : 2000 / Amd 1:2008 ISO 3759 : 2011 ISO 5077 : 2007	-40% to +40%
		Skewness Change in Fabric and Garment Twist resulting from Automatic Home Laundering	AATCC 179 : 2010	0% to 50%
		Elasticity of Fabrics (Stretch and Recovery)	BS EN 14704-1:2005	0% to 200%
<b>2.</b>	<b>WOVEN FABRIC</b>	Fabric Count/ Threads per unit length	ASTM D 3775 : 2008 ISO 7211-2 : 1984	Threads/dm : 40 to 1000 Threads per inch: 10 to 250
<b>3.</b>	<b>KNITTED FABRIC</b>	Fabric Count/Stitch density	ASTM D 3887:96 (Reaffirmed 2008) BS 5441 : 1988, (2007)	Course/wales: (40 to 1000) per dm (10 to 250) per inch
<b>4.</b>	<b>YARN</b>	Linear Density (Count) Based on Short-Length Specimens Yarn removed from fabric	ASTM D 1059 : 2001 ISO 7211-5 : 1984	(5 to 120) Tex ( 5 to 120) Ne

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5.	<b>TEXTILE ACCESSORIES</b>	Impact Resistance of Plastic Sew Through Flange Button	ASTM D 5171 : 2009	Qualitative Load : 840 g ( 29.5 Ozs )

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