

Laboratory Mira Exim Limited Textile Lab., F-26, Sector 11, Noida, Uttar Pradesh

Accreditation Standard ISO/IEC 17025: 2005

Discipline Mechanical Testing **Issue Date** 24.05.2015

Certificate Number T-2469 **Valid Until** 23.05.2017

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S. No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
I. TEXTILE MATERIALS				
1.	Fabric	Fabric Weight (GSM)	BSEN 12127: 1998 ASTM D 3776: 1996 (2002) (Option C)	30 GSM to 400 GSM
		Tear Strength	BSEN 13937-1: 2000 ASTM D1424- 2009 (RA 2013)	1200 GMS to 5000 GMS
		Abrasion Resistance	BSEN ISO 12947-2: 1999 ASTM D 4966: 2012	Qualitative (Class 1 to 5)
		Pilling Test (Martindale)	BSEN ISO12945-2: 2000	Qualitative (Class 1 to 5)
		Pilling Test (ICI)	BSEN ISO 12945-1: 2001	Qualitative (Class 1 to 5)
		Tensile Strength	BSEN ISO 13934-2: 2000 ASTM D 5034: 2001	10 N to 550 N
		Seam Slippage	BSEN ISO 13936-1: 2004 ASTM D1683/D1683 M-11A	20 N to 200 N
		Seam Rupture	BSEN ISO 13935-2: 1999 ASTM D1683/D1683 M-11A	20 N to 200N
		Flammability	16CFR1610: 2008 CAN CGSB-4.2. 27.5: 2008	0 to 13 Sec
		Reed/Pick per inch	ISO 7211-2: 1984 ASTM D3775-2012	6 to 160
		Bursting Strength	ISO 13938-2: 1999 ASTM D 3786/3786 M-2013	10 kPa to 700 kPa

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	Fabric	Button Pull Test	BS7907: 2007	20 N to 290 N
		Linear Density of Yarn Removed From Fabric	ISO 7211-5: 1984 ASTM D 1059: 2001	10 ^s to 100 ^s Ne

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