

<b>Laboratory</b>	<b>Testing Laboratory, Ordnance Equipment Factory, Hazratpur, Firozabad, Uttar Pradesh</b>		
<b>Accreditation Standard</b>	<b>ISO/IEC 17025: 2005</b>		
<b>Discipline</b>	<b>Mechanical Testing</b>	<b>Issue Date</b>	<b>19.10.2014</b>
<b>Certificate Number</b>	<b>T-0618</b>	<b>Valid Until</b>	<b>18.10.2016</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. TEXTILE MATERIALS</b>				
<b>1.</b>	<b>Textile Products</b>	Width of Woven Fabrics	IS 1954: 1990 (RA 2007)	10 mm to 1800 mm
		Threads per Unit Length	IS 1963: 2004 (RA 2008)	3 per cm to 100 per cm
		Mass per Unit Area Mass per Unit Length	IS 1964: 2001 (RA 2011)	02 g/m to 300 g/m 25 g/m <sup>2</sup> to 700 g/m <sup>2</sup>
		Linear Density of Yarns Spun on Cotton System.	IS 1315: 1977 (RA 2010)	10 tex to 500 tex
		Tensile Properties of fabrics - Maximum force and elongation at maximum force	IS 1969 (Part 1) : 2009	20 N to 45000 N Upto 200 %
		Yarn - Breaking Strength and Elongation at Break of Single Strand	IS 1670: 1991 (RA 2007)	20 N to 450 N Upto 400 %
		Breaking Load of Braided Nylon cords for aerospace Purposes	IS 4227: 1998 (RA 2008) (Amalgamating IS 4437: 1973)	20 N to 4500 N
		Breaking Strength of Coated and Treated Fabrics	IS 7016 (Part 2): 1981 (RA 2008)	20 N to 4500 N
		Breaking Load of Tyre yarns, cords and tyre cord warpsheets made from man- made fibres	IS 4910 (Part 3): 1989 (RA 2010)	20 N to 4500 N
		Tear Strength of Coated and Treated Fabrics	IS 7016 (Part 3): 1981 (RA 2008)	20 N to 4500 N
		Tear Strength by the Falling Pendulum Method	IS 6489 (Part 1): 2011	1.60 kgf to 6.40 kgf

**Alok Jain**  
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Program Manager

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	<b>Textile Products</b>	Recovery from creasing of textile fabrics by measuring the angle of recovery	IS 4681: 1981 (RA 2008)	30 ° to 180 °
		Bursting Strength of Fabrics - Diaphragm Method	IS 1966: 1975 (RA 1999)	0 to 50 kgf/cm <sup>2</sup>
		Cone Test – Special Proofed Canvas and Duck	IS 6803: 1972 (RA 2012)	Qualitative
		Pressure Head Test – Special Proofed Canvas and Duck	IS 6803: 1972 (RA 2012)	Qualitative

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