

<b>Laboratory</b>	<b>Controllerate of Quality Assurance (Textile &amp; Clothing), Govt. of India, Ministry of Defence, Kanpur, 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>07.06.2014</b>
<b>Certificate Number</b>	<b>T-2248</b>	<b>Valid Until</b>	<b>06.06.2016</b>
<b>Last Amended on</b>	<b>-</b>	<b>Page</b>	<b>1 of 2</b>

<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>
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#### **I. TEXTILE MATERIALS**

<b>1.</b>	<b>Fibre/Yarn /Fabric</b>	Mass /m <sup>2</sup>	IS 1964-2001, (RA 2010)	10 gsm to 500 gsm
		Threads per unit length (Ends/Pick)	IS 1963-1981, 2 <sup>nd</sup> Rev., (RA 2008)	2 to 30 per cm
		Breaking Strength	IS 1969-2009, 3 <sup>rd</sup> Rev., (RA 2010)	480 N to 8000 N
		Breaking Strength & Extension at break of coated & Treated fabric	IS 7016 (Part-II) 1981, 1 <sup>st</sup> Rev., (RA 2008)	50 kgf to 200 kgf
		Water repellency of fabrics by water spray test	IS 390-1975, (RA 2008)	Rating 0 to 100
		Dimensional Changes on Soaking in Water (containing other than Wool)	IS 2977-1989, (RA 2010)	Upto ± 30 %
		Water repellency of fabrics by cone test	IS 7941-1976, (RA 2010)	1 ml to 400 ml
		Dimensional Changes on Soaking in water of Fabrics (containing Wool)	IS 665 -1989, (RA 2010)	Upto ± 30%
		Width of fabric	IS 1954-1990, (RA 2007)	1 to 2000 mm

