

Laboratory Senior Quality Assurance Establishment (General Stores), Min. of Defence, DGQA Complex, Pazhavanthangal P.O., Chennai, Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2005

Discipline Mechanical Testing **Issue Date** 08.06.2015

Certificate Number T-2509 **Valid Until** 07.06.2017

Last Amended on - **Page** 1 of 2

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
I.	PLASTICS, RUBBER AND LEATHER			
1.	Plastic Slide Fasteners (PSF)	Visual Examination	IS 14181 (Part 1, 2 & 3): 2002	Qualitative (Visual Observation)
		Length of Fasteners	IS 14181 (Part 1, 2 & 3): 2002	10 cm to 100 cm
		Textile Chain Width	IS 14181 (Part 1, 2 & 3): 2002	4.00 mm to 10.00 mm
		Textile Chain Thickness	IS 14181 (Part 1, 2 & 3): 2002	2.00 mm to 10.00 mm
		Puller Length	IS 14181 (Part 1, 2 & 3): 2002	10.00 mm to 50.00 mm
		Tape Extension	IS 14181 (Part 1, 2 & 3): 2002	10 mm to 30 mm
		Tape Width	IS 14181 (Part 1, 2 & 3): 2002	10 mm to 50 mm
		Diameter of Monofilament	IS 14181 (Part 1, 2 & 3): 2002	0.30 mm to 2.00 mm
		Security of attachment of Puller to slider	IS 14181 (Part 1, 2 & 3): 2002	100 N to 1000 N
		Fold-over security of textile chain	IS 14181 (Part 1, 2 & 3): 2002	100 N to 1000 N
2.	Male Condoms	Dimensions Length	Schedule 'R' of D&C Act/ ISO 4074: 2002	150 mm to 200 mm
		Dimensions Width	Schedule 'R' of D&C Act/ ISO 4074: 2002	10 mm to 60 mm
		Dimensions Thickness	Schedule 'R' of D&C Act	Up to 1 mm
		Burst Volume before ageing	Schedule 'R' of D&C Act/ ISO 4074: 2002	0.5 lt, to 70 lt

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Last Amended on - **Page** 2 of 2

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	Male Condoms	Burst Pressure before ageing	Schedule 'R' of D&C Act/ ISO 4074: 2002	0.1 kPa to 4 kPa
		Burst Volume after ageing	Schedule 'R' of D&C Act/ ISO 4074: 2002	0.5 lr, to 70 lr
		Burst Pressure after ageing	Schedule 'R' of D&C Act/ ISO 4074: 2002	0.1 kPa to 4 kPa
		Water Leakage Test	Schedule 'R' of D&C Act/ ISO 4074: 2002	Qualitative (Visual)
		Package Integrity Test	Schedule 'R' of D&C Act	Qualitative (Visual)
		Quantity of Lubricant	Schedule 'R' of D&C Act/ ISO 4074: 2002	50 mg to 10 g
		Color Fastness	Schedule 'R' of D&C Act	Qualitative (Visual)
		Visible Defects	ISO 4074: 2002 / WHO	Qualitative (Visual)
		Packaging Defects	ISO 4074: 2002 / WHO	Qualitative (Visual)

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