

CV Norms for Slide Fasteners various Metallic Zippers, Prov Specification NO. PROV/INDITC/4987 and Amendment No.1

ITEM	MANUFACTURING PLANT & MACHINERY		TEST EQUIPMENTS	
	ESSENTIAL	DESIRABLE	ESSENTIAL	DESIRABLE
Slide Fasteners (Metallic)	• Hi-speed Needle Loom • Heat Setting Machine/calendering Machine • HTHP Dyeing Machine • Teeth attachment machine • Slider & puller assembly attachment Machine • Pin & Box fixing Machine • Top Stop Fixing Machine • Cutting Machine • Washing & Drying Machine • Surface finishing Machine • Electro-plating/Coating Machine • Die Casting Machine/pressing machine • Slider, puller & lock-pin assembly Machine • Ultrasonic Film adhesive Machine	Wire Forming Machine	• Chain Cross wise Strength Tester (Test Method -JIS-S-3015) • Zipper Reciprocating Tester for Durability (Test Method -JIS-S-3015, BS-3084) • Opening & Closing Force Tester (Test Method - JIS-S-3015, ASTM-D- 2061) • Top Stop Holding Strength Tester (Test Method - JIS-S-3015, ASTM-D- 2062) • Slider Lock Strength Tester (Test Method - JIS-S-3015) • Slider Pull Strength Tester (Test Method - ASTM-D- 2061) • Element Pull-Off Strength Tester (Test Method ASTM-D- 2061) • Slider Puller Twist Strength Tester (Test Method ASTM-D- 2061) • Element Slippage Strength Tester (Test Method ASTM-D- 2061) • Bottom Stop Holding Strength Tester (Test Method - JIS-S-3015) • Film adhesion Strength Tester (Test Method – JIS-K-6854) • Separable Pin Insertion Force Tester (Test Method ASTM-D- 2061)	• Colour fast to perspiration • C.F. to light Or suitable arrangement with NABL Lab for testing of this parameter • C.F to sea water • C.F. to washing • Col test to organic solvents

Note - Physical CV will be done and firm has to demonstrate the manufacturing of the subject item.