

## SPECIFICATION OF FABRIC TEST OF BR JACKET/BR

### VEST

#### 1) REQUIREMENT OF OUTER CARRIER FABRIC

S.N	Test Parameter	Requirements	Test Method
1.	Mass, g/m <sup>2</sup> (Minimum)	150	IS 7016 Part-I
2.	Tensile Strength, N (Minimum) -Warp wise -Weft wise	1150 900	IS 7016 Part-II
3.	Tear strength, N (Minimum) -Warp wise -Weft wise	160 140	IS 7016 Part-III, Method A2, Trouser shaped test piece, Single tear method.
4.	Flame resistance test (a) Duration of flame (After flame time) ,s, max (b) Duration of after glow ,s, max	5 seconds (Maximum)	IS 11871 Method A
5.	Resistance of water Penetration of hydrostatic pressure head of 30 cm water Column height for 30 minutes	There should be no penetration.	IS 7016 Part VII
6.	Colour fastness rating to light (Change in colour on blue wool), Min	4	IS 2454

#### 2) REQUIREMENT OF HOOK AND LOOP FASTENERS

S.N	Test Parameter	Requirements	Test Method
1.	Shear strength, Lengthwise, g/ cm <sup>2</sup> , min	900	IS 8156
2.	Peel strength, g/cm,min	200	IS 8156
3.	Endurance test of 5000 cycles of closing and opening operation	The shear strength , lengthwise shall not be less than 675g/cm <sup>2</sup>	IS 8156

  
(Partha Sarathi)  
Dy. Commandant(Ordnance)

## **EXPRESSION OF INTEREST**

CRPF is a lead force for internal security and there is a massive requirement of BR Jackets and BR Vest in all the theatres for CI operations. CRPF is in process for procurement of BR Jackets and B.R. Vest as per the MHA Approved QRs and TDs .

02. It is being noticed that in recent tenders of various CAPFs no firms are able to qualify the Fabric Test as per the Specifications mentioned at MHA approved QR/TDs. So competent authority has desired that, all interested firm to submit their Fabric Sample for Fabric Test on NC NC basis before floating the tender for Pre- Certification/Validation. The cost of the test will be borne by the firm.

03. The interested firms/parties dealing in subject matter are invited to express their interest for submitting the fabric sample on NC NC basis with in 15 days i.e. up to 20/03/2019.

Encl :- Specification of Fabric Test of BR Jacket/BR Vest

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