

**Test Parameters**  
**Tests Carried Out By Laboratories of Textiles Committee**

4. PPE TESTING						
SR. NO.	TEST PARAMETER	INSTRUMENT	TEST METHOD	SAMPLE SIZE (Min)	* TEST CHARGES	Dwell TIME #
1	<b>Coverall/Garment/Fabric</b>					
	Protective clothing blood penetration resistance	Synthetic Blood Penetration Tester	ISO 16603, ASTM F 1670 and IS 16546	Sample Size: In case of Fabric - 1 sq.mt. of fabric; In case of Coverall/Garment- 1 Coverall	3700.0	1-2 days
	GSM	Template, Balance	IS 1964, ISO 3801		200.0	1-2 days
	Thickness	Thickness Gauge	ASTM D 1777, ISO 5084		200.0	1-2 days
	Protective clothing material for coverall seam	Synthetic Blood Penetration Tester			3700.0	1-2 days
<b>Surgical/Medical face Mask</b>						
2	Resistance to penetration by synthetic blood/ Splash resistance	Splash Tester	IS 16289 Annex D, ASTM F 1862	32 mask/face cover	2000.0	1-2 days
	Sub-micron particulate filtration efficiency , %	Particulate filtration efficiency tester	IS 16289 Annex E, ASTM F2299	5 mask/face cover	5000.0	1-2 days
	Differential pressure, mm H <sub>2</sub> O/cm <sup>2</sup>	Particulate filtration efficiency tester	IS 16289: 2014, Annex C, EN 14683:2019, Annex C	5 mask/face cover	400.0	1-2 days
	Flammability	Flammability Tester	16 CFR 1610	5 mask/face cover	1000.0	1-2 days

\* (Plus Service Tax as applicable) Conditions and testing service charges are Subject to Change without prior notice.

**# Working day only**

**Note: Test duration may vary with number of samples/ parameters/technical complexities etc**