



THE SOUTH INDIA TEXTILE RESEARCH ASSOCIATION (SITRA)

CoE MEDICAL TEXTILE DIVISION

SITRA Centre of Excellence for Medical textiles has facilities to test and report PPEs such as surgical masks and coveralls used in medical field. The laboratory has been accredited by **National Accreditation Board for Testing and Calibration Laboratories (NABL)**, New Delhi, as per ISO/IEC 17025: 2017

COVERALLS OR BODY SUIT

S. No.	Parameter	Standard	No. of samples to be sent for testing			Turn around time (TAT)	Charges per sample (18% GST extra)
			<i>if Fabric Manufacturer</i>	<i>if Coverall Manufacturer</i>	<i>if Seam Tape Manufacturer</i>		
1	Synthetic Blood Penetration Test	ASTM F 1670	1 sq. mt of fabric	1 coverall	75 sq cm (10 nos.)	3 to 4 days	Rs.5550
2	Dry microbial Penetration Resistance test	ISO 22612	2 sq. mt of fabric	2 coveralls	50 sq cm (15 nos.)	5 days	Rs.13500

SURGICAL FACEMASKS

S. No.	Parameter	Standard	No.of masks required	Turn around time (TAT)	Charges (in Rs. per sample) + 18% GST
1	Breathability - Differential Pressure (Delta P)	IS 16289	5	2	825
2	Splash Resistance	ASTM F1862	5	2	4500
3	Particulate Filtration Efficiency at 0.3 Microns	ASTM F2299	5	3	7500
4	Bacterial Filtration Efficiency	ASTM F 2101	10	5	4550
5	Flammability	16 CFR	5	3	2250

For more details, please contact:

CoE Medical Textiles

The South India Textile Research Association

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