

Personal Protective Coverall (PPE Suit) with Tape Over Seam along with Boot Leggings



- DRDO approved
- Impermeable to blood and body fluids
- Seams pasted with a special treatment of liquid-proof tape
- Light colour to better detect possible contamination
- Universal Fit
- In built Hood Cap
- Zipper covered with a flap to avoid accumulation of microbes
- Sealed Seam Offers Premium Protection Against Biological Hazards
- Soft Elastic fitted around Front of hood, wrists & ankles
- Breathable & Comfortable
- High water-vapour transmission rate results in good breathability and soft texture ensures wearer's comfort.
- Fabric is Resistant to:
 - penetration by blood/fluids,
 - blood-borne pathogens,
 - wet microbial penetration,
 - liquid aerosol penetration
 - Dry microbial penetration
- Ergonomic body design
- Ample crotch design provides more room and reduces pressure while squatting or crawling.
- Additional Elastic loops for hand and foot fit comfort.

Boot Cover/Leggings:

- Pair of Boot Covers made of same fabric as of the Coverall
- Soft elastic fitted at two levels, ankle and end

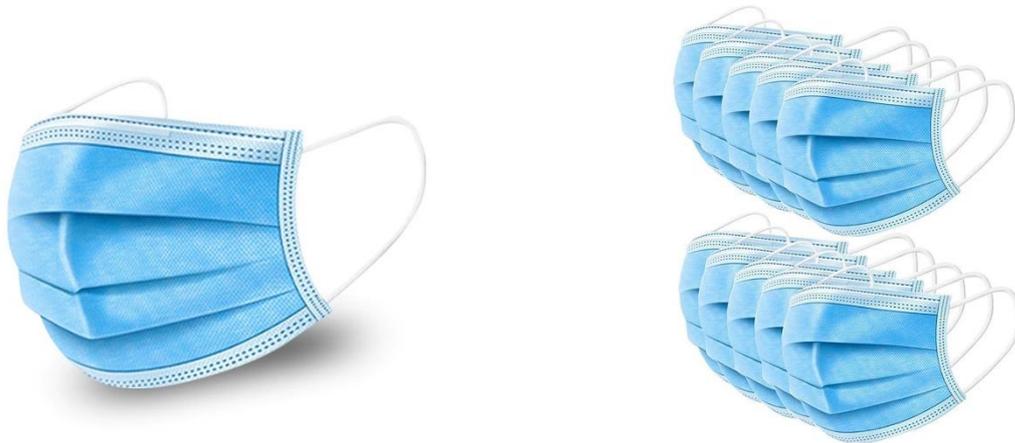


An ISO 9001:2015 & ISO 13688:2013 Certified

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BFE* Approved – An Efficient and Tested COVID19 Protective Mask



3 Ply Face Mask with Ear Loops - Blue

- 99.96% BFE as per ASTM F 2101-19 standards
- 3 Ply Non-Woven Fabric 100% Virgin, 22 - 20 gsm combo
- All 3 Layers Stitched Together with Ultrasonic Sealing
- Tested using Biological Aerosol of Staphylococcus aureus by ASTM: F 2101 - 19
- Test Organism used: Staphylococcus aureus - ATCC 6538
- Inoculum size: 2.00 x 10⁸ CFU/ ml
- Test equipment used: Aerosol challenge Apparatus with Nebulizer assembly and Cascade impactor
- Aerosol size: 3 microns± 0.5
- Test Procedure: Mask is clamped between cascade impactor and an aerosol chamber at a distance of 15 cms. Bacterial aerosol of bacteria - Staphylococcus aureus is generated in the chamber using the nebuliser assembly. Aerosols of test organisms of size 3 microns are drawn through the test material using a vacuum attached to cascade impactor. Positive control samples collected aerosol with no test specimen to determine the upstream aerosol counts. Negative control was impermeable polyethylene sheet. The ratio of upstream to downstream is reported as Percentage Bacterial Filtration efficiency. Following results are the Average of three readings.

Sample Identification	Average Bacterial count	BFE
Mask - 3 Ply Non Woven Fabric 100% Virgin, 20 GSM	10	99.96

- Interpretation: Test sample labelled as Mask - 3 Ply Non Woven Fabric 100% Virgin, 20 GSM has exhibited 99.96% BFE* when analysed as per ASTM: F 2101 -19 standard.
- 3 non-allergenic layers
- Lightweight and comfortable
- Nonsterile
- With comfortable elastic ear loops

**Bacterial Filtration Efficiency (BFE)*



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