



**KARIGAR**  
NIRYAT PVT. LTD



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geetanjali@karigarexports.in



Nodia Sector-83, UP- 201305

**KARIGAR NIRYAT PVT. LTD.**

**STANDS WITH OUR COVID-19 FRONT LINE WARRIORS**

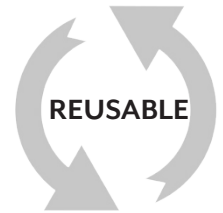
**PPE KITS**

**PERSONAL PROTECTIVE EQUIPMENT**

**DEVELOPING AND MANUFACTURING**



# LIFESTYLE PROTECTIVE WEAR



## FOR EVERYDAY USE

Essential Service Providers | Work | Travel | Gathering | Workout

An over layer to keep you safe.

## RE-USABLE / WASHABLE

- 20 Washes
- Waterproof Coating
- Anti-Microbial Coating
- Resistant to Synthetic Blood Penetration
- Resistant to Moisture Vapor Transmission (breathable)
- Thinner, Lighter and Comfortable



## 11. TRAVEL WRAP

**FABRIC: KNITTED**

**Polyester Breathable Fabric  
With PU Film Lamination**

**GSM : 85-90**

Keep your self covered and  
safe at work.

Remove and wash after  
ever use.



## 12. PROTECTIVE JACKET

**FABRIC: KNITTED  
Polyester Breathable Fabric  
With PU Film Lamination**

**GSM : 85-90**

Keep yourself safe while you are out of your home.

Remove and wash after every use.



### 13. BOMBER JACKET

**FABRIC: KNITTED**

**Polyester Breathable Fabric  
With PU Film Lamination**

**GSM : 85-90**

It's stylish to be protective.

Remove and wash after ever  
use.



## 14. TRENCH COURT

Short/ Long

**FABRIC: Polyester PU  
Coated Breathable Fabric**

**GSM: 65**

It's stylish to be protective.

Remove and wash after every use.



## 16. AIR DRESS

**DISPOSABLE**

**Smart Apron with Pocket**

**FABRIC: SSMMS**

**GSM: 60**

**Breathable, Safe and  
Comfortable**

It's stylish to be protective.

Remove and wash after ever  
use.



## 17. PROTECTIVE PARKA JACKET

**FABRIC:** Polyester PU  
Coated Breathable Fabric

**GSM:** 65

It's stylish to be protective.

Remove and wash after every  
use.





## 18. SAFETY PONCHO

**FABRIC:** Polyester PU  
Coated Breathable Fabric

**GSM:** 65

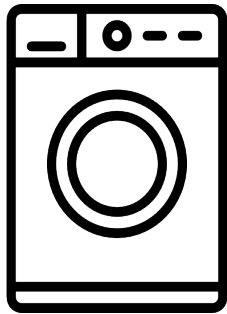
It's stylish to be protective.

Remove and wash after every use.



# Wash Separately after every use.

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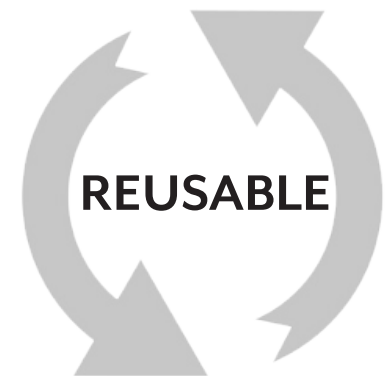
Machine Wash 30 ° C

Hand wash - Soak in Cold Water and detergent  
for 30min.

Line Dry

Do NOT Tumble Dry

Do NOT Iron



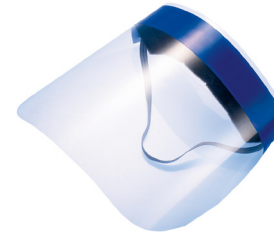
## 15. PPE KIT

### PERSONAL PROTECTIVE EQUIPMENT KIT

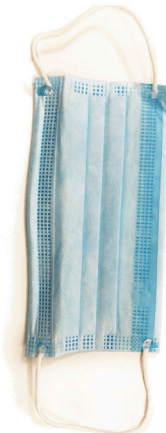
1. Coverall with Shoe covers
2. Eye Protection Goggles/  
Face Shield
3. Latex Surgical Gloves/  
Nitrile Gloves (Powder Free)
4. 3 Ply Breathable Surgical  
Mask (As per Requirement)
5. Eco -friendly Disposable  
Bag
6. Apron / Wrap (If required)



COVERALL



FACE SHIELD



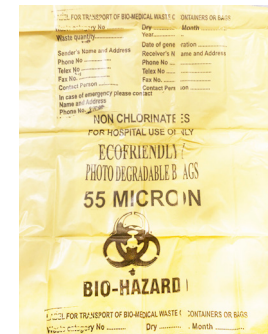
3 PLY MASK



APRON



GOGGLES



DISPOSABLE BAG  
(ECO- FRIENDLY)



GLOVES



SHOE COVERS

# CERTIFICATIONS OF THE COVERALL

6. Test Results: KARIGAR NIRYAT PVT. LTD.  
Report No: INMAS/SBPRT/16052020/02

S. No	Sample Details	Unique/ Sample Code	Thic k-ness (mm)	Fabric Mass GSM	Observation, Fabric Swatch Class qualified/ Total class (Location of specimen)	Observation, Fabric Seam Swatch Class qualified/ Total class (Location of specimen)	*Result for Garment/ fabric Class qualified/ Total class	Acceptance/ Non Acceptance*
1.	Blue coverall with Blue tape, laminated, non-woven.	COVID19/INM AS/160520-03/KAR-01	0.45	90	6/6 (Right Chest)	6/6 (Right Arm, Single joint) 6/6 (Neck, Double joint)	6/6	PASS
2.	Blue coverall with Blue coloured tape, laminated, non-woven.	COVID19/INM AS/160520-04/KAR-02	0.45	95	6/6 (Right Chest)	6/6 (Right Arm, Single joint) 6/6 (Neck, Double joint)	6/6	PASS

\*Notes: Acceptance criteria communicated to DRDO by HLL wide email dated 17/4/2020

- The final result of SBPRT for the garment will be lowest class of the test results obtained for fabric & joint (seam), if any.
- The test does not apply to all forms or conditions of blood-borne pathogen exposure. Users of the product must review modes for work/clothing exposure and assess the appropriateness of the product for their specific applications.
- The results address only the performance of materials or certain material constructions (for example, seams) used in protective clothing. These results do not address the design, overall construction and components, or interfaces of garments, or other factors which may affect the overall protection offered by the protective clothing.
- These results do not purport to address all of the safety concerns, if any, associated with use of final product. It is the responsibility of the user to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.


#### Classes

	Exposure Pressure (kPa)
6	20
5	14
4	7.0
3	3.5
2	1.75
1	0


- Exposure time is 5 min at each pressure level; Leakage is visually confirmed



## DRDO CERTIFICATION



**Ordnance Factory Muradnagar (OFM)**  
Ministry Of Defence , Government Of India  
( ISO 9001 , ISO/IEC 17025 NABL ACCREDITED )  
Muradnagar, Ghaziabad , Uttar Pradesh , Pin- 201206  
E-Mail - ofmcc.ofb@nic.in , Phone - 01232-232200



UCC No. OFM010040520

UCC Dt. 18-May-2020

Test Report

**Personal Protective Equipment (PPE) Body Coverall for COVID -19**

- Name of Testing Agency : Ordnance Factory Muradnagar (OFM)
- Date/ Period of Testing : 15-May-2020 to 18-May-2020
- Test Reference No. : IN-DI 41930113027196S
- Test Reference Dt. : 09-May-2020
- Test Reference : ISO 18603 procedure C (Class 5)
- Manufacture Name : M/S KARIGAR NIRYAT PVT LTD  
Z-27, HAUZ KHAS, NEW DELHI  
DELHI , DELHI

7. Environmental Conditions :

S.no	Parameter	Specified Value	Observed Value
1	Relative Humidity (%)	60 to 70	56
2	Temperature(ccg C)	16 to 26	22

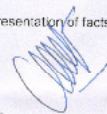
8. Test Results :

S.no	Sample Nomenclature	Result
1	Fabric portion	Pass
2	Seam Portion	Pass

Remarks :

- This UCC has been Issued with reference to MOT letter no F. No 8/4/2020- R and D dated 06-04-2020.  
Warning - The above report pertains only to the sample submitted by the customer as the samples are not drawn by the testing agency. These results need not be indicative of the results of bulk lots of the articles under consideration. The onus of maintaining the Traceability between the sample submitted for testing and the bulk lot supplied lies with the customer/ supplier. Samples may be drawn from the bulk lots by neutral Organizations and the same shall be tested to ensure their compliance with the respective quality requirements.
- Instruction to manufacturers to whom this certificate is issued-The procedures enumerated at Para - 3 and 4 of Ministry of Textiles, Govt. of India letter F no 8/2020-R&D dated 06.04.2020 must be strictly complied with regards to use of this certification.
- Manufacturer is liable to face legal consequence in the event of any misrepresentation of facts/data during the use of this certificate.
- The value of thickness observed is .47 mm (for information only)

\*\*\*\*\* End of Report \*\*\*\*\*

  
CHANDER SHEKHAR

## OFB CERTIFICATION

# RE-USABLE & WASHABLE CERTIFICATIONS

**Name of Test:**

ISO22612: 2005; Clothing for protection against infectious agents - Test method for resistance to dry microbial penetration

**Test Bacteria:**

Bacillus subtilis ATCC 9372

**Experimental conditions:**

Medium : Trypticase Soya agar  
 Incubation : 37°C for 3 days  
 Contact duration : 5 minutes

**Test Procedure:**

Test involves application of spores of Bacillus subtilis along with Talc on test fabric in dry condition using Robotic arm with pressure approx. 3N with speed of 60 rpm, for duration of 5 minutes. Test is conducted 5 times. Plates were incubated at 37°C on nutritive medium. Fabric passes the test when there are no colonies underneath. Adequate positive and negative controls are included.

**Results:**

Sample Description	Dry Penetration test
White color fabric sample – after 15 wash	PASSES

For BIOTECH TESTING SERVICES

Dr Shilpa U. Nair  
 Quality Manager  
 (Authorized Signatory)

**Biotech Testing Service Approved :**  
 Reusable and Washable



**THE SOUTH INDIA TEXTILE RESEARCH ASSOCIATION**

**CENTRE OF EXCELLENCE FOR MEDICAL TEXTILES**  
 Physical, Chemical & Biological Testing Laboratories

(ISO/IEC 17025 NABL ACCREDITED)

13/37, Avinashi Road, Aerodrome Post, Coimbatore - 641 014, INDIA



Cert. Number:TC-6944

Tegan Texofab Pvt Ltd, Ref : Letter dt 27.04.2020

ULR: TC69442060003451F

(Sample Tested at : R.H.65% +/- 2% and Temp. 21 Degree C +/- 1 Degree C)

<b>Moisture Vapour Transmission (Breathability)</b> <b>ASTM E96-95 OPTION B</b> g / m <sup>2</sup> / 24h	<b>P2003459-1</b> Described by the Customer : Polyester Fabric 65GSM 977
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Test Chamber Conditions  
 Temperature - 32±2°C  
 RH in Chamber - 50±2%  
 RH in Cup - 100%  
 Air Speed - 2.5m/s

- End of Report -

**SITRA Approved**

- Resistant to Moisture Vapor Transmission (breathable)



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13/37, Avinashi Road, Aerodrome Post, Coimbatore - 641 014, INDIA



Cert. Number:TC-6944

Rohit Purse Industries, Ref : 08.05.2020

ULR: TC69442060003087F

(Sample Tested at : R.H.65% +/- 2% and Temp. 21 Degree C +/- 1 Degree C)

<b>Synthetic Blood Penetration Test - Fabric</b> <b>ASTM F 1670/F 1670M-08(2014)</b> Result	<b>P2003242-1</b> Described by the Customer : Sample - A Fabric sample Pass
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- End of Report -

**SITRA Approved**

- Resistant to Synthetic Blood Penetration

# CERTIFICATIONS OF THE FACTORY

FACTORY IS COMPLIANCE :

- 1) BSCI CERTIFICATION
- 2) UL WRAP CERTIFICATION



ISO 9001:2015



ISO 16603:2004



FDA :- UQ-32409



GMP :- UQ-15183



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## **YOUR SAFETY IS OUR PRIORITY**

- **WE ARE WORKING FOR DISEASE PREVENTION & PROTECTION**  
HOSPITALS, CLINICS, ASSISTED LIVING, VISITING NURSE, FIRST RESPONDERS, MILITARY, ESSENTIAL SERVICE PROVIDERS, WORK, TRAVEL, AIRLINES, HOTELS
- **KARIGAR NIRYAT GIVES PERSONAL ATTENTION TO EVERY ORDER**
- **CAN PRODUCE QUANTITIES FROM 100 TO TEN LAKH UNITS**
- **YOUR ONE STOP SUPPLIER WITH A FULL RANGE OF PRODUCTS**