

# Technical Data Sheet



## MODAUNIQUE MODA3000

### Name of product

Personal Protective Equipment (Type 4, Level D)

### Description

Health care professionals working in the field of confronting COVID-19 are wearing personal protective equipments for the purpose of protection and prevention of the virus. MODA3000 is a Type 4, level D personal protective equipment suitable for health care workers and government officials who are currently working in the frontline of the combat against COVID-19. It comes with protective shoe covers that must be worn with the protective clothing. MODA3000 includes a protective suit/clothing and a pair of shoe covers.

### Materials

- Suit: SMMS Polypropylene, Blue
- Back panel: SMMS Polypropylene, White
- Zipper: Nylon on Polyester Braid
- Elastic: Neoprene Rubber
- Cuffs: Polyester
- Thread: Polyester

This product does not contain components made from natural rubber latex.

### Approvals

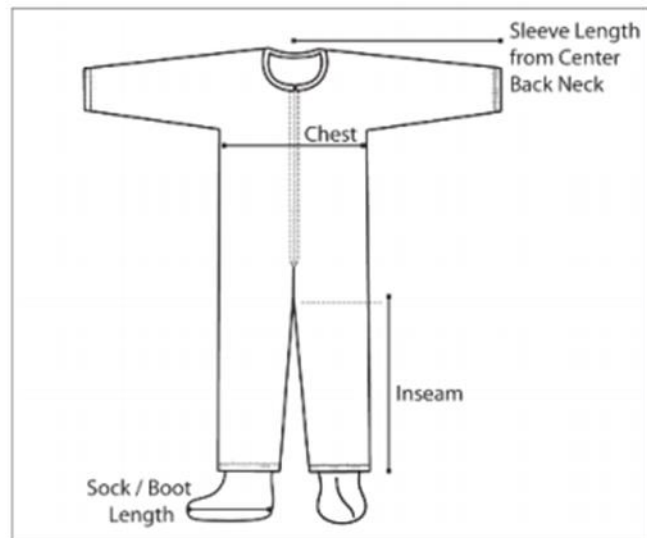
#### US. FDA REGISTRATION CERTIFICATE

Owner/Operation Number: 10072056

Regulation Number: 878.4040

Listing Number: D397010

### Comfort and Protection



**This picture is for measurement reference only.**

Seams and closures have less barrier than fabric. Note: for protection from hazardous or infectious viruses, additional barrier tests are required to establish suitability for use. CAUTION: This information is based upon technical data that MODA UNIQUE CO., LTD believes to be reliable. It is subject to revision as additional knowledge and experience are gained. MODA UNIQUE CO., LTD makes no guarantee of results and assumes no obligation or liability in connection with this information. It is the user's responsibility to determine the level of toxicity and the proper personal protective equipment needed. The information set forth herein reflects laboratory performance of fabrics, not complete garments, under controlled conditions. It is intended for information use by persons having technical skill for evaluation under the specific end-use conditions, at their own discretion and risk. Anyone intending to use this information should first verify that the garment selected is suitable for the intended use. In many cases, seams and closures may provide less barrier than the fabric. If the fabric becomes torn, abraded, or punctured, end-user should discontinue use of garment to avoid compromising the barrier protection. **SINCE CONDITIONS OF USE ARE OUTSIDE OUR CONTROL, WE MAKE NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING WITHOUT LIMITATION NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE AND ASSUME NO LIABILITY IN CONNECTION WITH ANY OF THIS INFORMATION.** This information is not intended as a license to operate under or a recommendation to infringe any patent, trademark or technical information of MODA UNIQUE CO., LTD or others covering any material or its use. Data presented does not comprise a product specification. **Warning:** Cleanroom apparel should not be used around heat, flames, sparks or in potentially flammable or explosive environments. Cleanroom fabrics should have slip-resistant materials on the outer sole of boots, shoe covers, or other garment surfaces in conditions where slipping could occur. Copyright © 2020 MODA UNIQUE CO., LTD Co., Ltd All rights reserved. MODA UNIQUE CO., LTD Co., Ltd Logo and all products denoted with ® or ™ are trademarks or registered trademarks of MODA UNIQUE CO., LTD Co., Ltd or its affiliates. Printed on:

Protective Clothing for Medical Use: MODA3000 Test Report		
Type	Description	MODA3000
EN14126	ISO16603:2004 Clothing for protection against contact with blood and body fluids — Determination of the resistance of protective clothing materials to penetration by blood and body fluids — Test method using synthetic blood	pass
	ISO16604:2004 Clothing for protection against contact with blood and body fluids — Determination of resistance of protective clothing materials to penetration by blood-borne pathogens — Test method using Phi-X 174 bacteriophage	pass
	ISO22610:2018 Surgical drapes, gowns and clean air suits, used as medical devices, for patients, clinical staff and equipment — Test method to determine the resistance to wet bacterial penetration	pass
	ISO22612:2005 (dry microbial penetration) Clothing for protection against infectious agents — Test method for resistance to dry microbial penetration	pass
ISO4920:2012 Textile fabrics — Determination of resistance to surface wetting (spray test)	pass	
EN863:1995 Protective Clothing — Mechanical Properties — Test Method — Puncture Resistance	pass	
ISO9073-4:1997 Textiles — Test methods for nonwovens — Part 4: Determination of tear resistance	pass	
EN530:2010 Abrasion resistance of protective clothing material	pass	
ISO7854:1995 Rubber- or plastics-coated fabrics — Determination of resistance to damage by flexing	pass	
ISO6529 Protective clothing — Protection against chemicals — Determination of resistance of protective clothing materials to permeation by liquids and gases	pass	
ISO13994 Clothing for protection against liquid chemicals — Determination of the resistance of protective clothing materials to penetration by liquids under pressure	pass	
ISO6530:2005 Protective clothing — Protection against liquid chemicals — Test method for resistance of materials to penetration by liquids	pass	
EN1149-1:2006 Protective clothing, Electrostatic properties. Test method for measurement of surface resistivity	pass	

## PRODUCT INFORMATION

**ATTRIBUTES** MODAUNIQUE MODA3000. Coverall with hood. Elastic wrists, ankles and face. Elastic waist(gilled-in). Storm Flap. White.

FULL PART NUMBER	FABRIC / MATERIAL	DESIGN	COLOR	QUANTITY / BOX	SIZES
MODA3000	DORAI LIVSEN PP SPUNBOND	Hooded coverall	White	50 per case	M, L

## TYPICAL FINISHED DIMENSIONS

SIZE	SLEEVE LENGTH	CHEST WIDTH	INSEAM	FITS CHEST	FITS HEIGHT
M	83cm	75cm	78cm	124cm	172cm
L	87cm	83cm	92cm	136cm	182cm

## PHYSICAL PROPERTIES – FABRIC DATA

Typical values, not specifications.

PROPERTY	TEST METHOD	TYPICAL RESULT
Thickness		64g
Basis Weight		Not checked
Burst Strength		10(100mm/min)
Tear Resistance – Trap Tear(MD)		48
Tear Resistance – Trap Tear(CD)		36
Tensile Strength(MD)		Only wear and flexure resistance
Tensile Strength(XD)		Only wear and flexure resistance

## Warning and Precautions

- Non reusable / No washing, ironing, dry cleaning
- Keep away from fire.
- Do not rip or damage intentionally.
- Do not pull the product with strong force.

## Storage and Disposal

- Store in dry, clean conditions in original packaging
- Store away from direct sunlight, sources of high temperature, and solvent vapors
- Store within the temperature range +5°C to +30°C with relative humidity below 80%
- Shelf life is two years from date of manufacture when stored as stated above
- Replace garments if damaged, heavily contaminated or in accordance with local work practice