



**Everest Textile Co., Ltd**

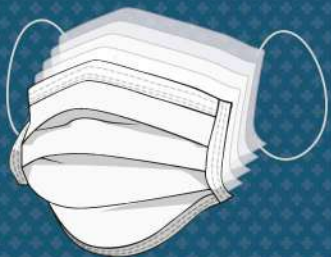
# **Protective products Sample Sheets**

**<http://www.everest.com.tw>  
[sales@everest.com.tw](mailto:sales@everest.com.tw)**

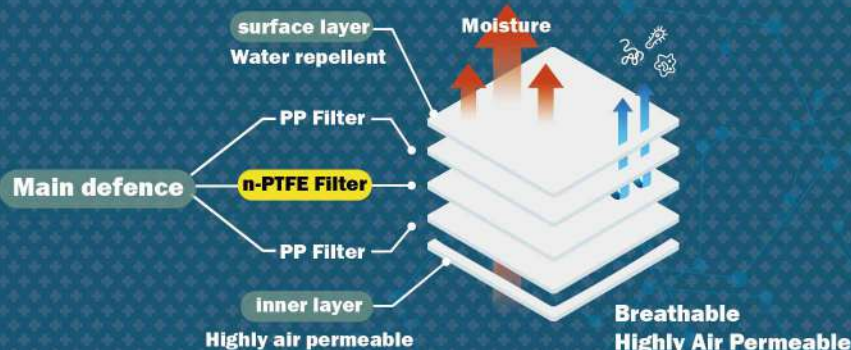


# High-tech fabric mask

## High protection, breathable, washable mask



### FIVE LAYERS MASK



human skin peeling  
300µm



flower pollen  
20µm



dust mite  
10µm



Dust  
3µm



bacteria  
3µm



pm2.5  
2.5µm



oil smog  
/cigarette smoking  
1



virus  
0.1~0.3µm



n-PTFE  
0.075µm

#### Applicable environment :

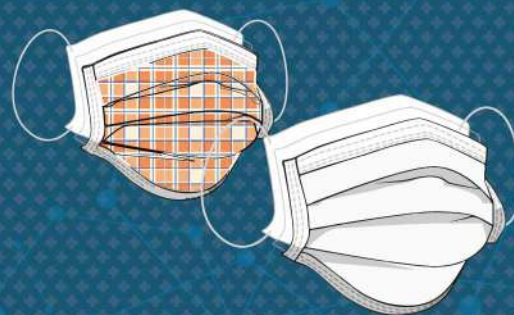
- Medical institutions
- Kitchens
- School institutions
- Factories
- Outdoor activities
- Cleaning and disinfection
- Droplets and dust protection

**Test Standard**  
**ASTMF2100**

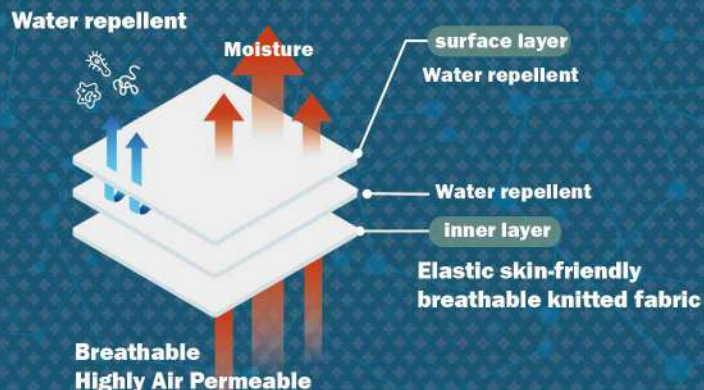
#### ▼ Laundry guide :

Using 75% alcohol to spray on both sides of mask and wait 15 minutes then using laundry liquid or powder to wash it by hands or put it in a three-dimensional laundry bag for machine wash.

▼ Water repellent performance  
keep 25 times wash



### THREE LAYER MASK



human skin peeling  
300µm



flower pollen  
20µm



dust mite  
10µm



Dust  
3µm



bacteria  
3µm



pm2.5  
2.5µm

#### Applicable environment :

- Factories
- Cleaning and disinfection
- Droplets and dust protection
- School institutions
- Outdoor activities
- Kitchens



# Advancement of Medical

## Instrumentation AAMI Standard



### Level 1

- **Water Resistance: Impact Penetration Test  $\leq 4.5$  g (AATCC 42)**



### Level 2

- **Water Resistance: Impact Penetration Test  $\leq 1.0$  ( AATCC 42)**
- **Water Resistance: Hydrostatic Pressure Test  $\geq 20$  cmH<sub>2</sub>O Over (AATCC 127)**



### Level 3

- **Water Resistance: Impact Penetration Test  $\leq 1.0$  ( AATCC 42)**
- **Water Resistance: Hydrostatic Pressure Test  $\geq 50$  cmH<sub>2</sub>O Over (AATCC 127)**



### Level 4

- **Standard Test Method for Resistance of Materials Used in Protective Clothing to Penetration by Synthetic Blood (ASTM F1670)**
- **Standard Test Method for Resistance of Materials Used in Protective Clothing to Penetration by Blood-Borne Pathogens Using Phi-X174 Bacteriophage Penetration as a Test System (ASTM F1671)**




# Performance comparison of protective clothing

Regulations	Level	AATCC 42 (Water Resistance: Impact Penetration Test) AATCC 127 (Water Resistance: Hydrostatic Pressure Test)
ANSI/AAMI PB 70: 2012	Level 1	AATCC 42 ≤ 4.5g
	Level 2	AATCC 42 ≤ 1g AATCC 127 ≥ 20cmH <sub>2</sub> O
	Level 3	AATCC 42 ≤ 1g AATCC 127 ≥ 50cmH <sub>2</sub> O
	Level 4	ASTM 1670 pass ASTM 1671 pass



# Everest Protective clothing execution strategy-product comparison

	Medical Protective Clothing	Everest Protective Clothing
<b>specification</b>	Non-woven fabric and 25 $\mu$ m TPU/PE/PP	Woven fabric/ Microporous PTFE/Knitted fabric
<b>feature of product</b> 	<ul style="list-style-type: none"> <li>• With high protective effect, blood and viruses cannot penetrate.</li> <li>• The wearing comfort is good, so that the body's hot sweat humidifier can be eliminated, and the general PP or PE products cannot achieve this comfort.</li> </ul>	<ul style="list-style-type: none"> <li>• With high protective effect, blood and viruses cannot penetrate, and the surface of the cloth can eliminate static electricity, not easy to absorb blood and viruses.</li> <li>• use safety, strong cloth and high abrasion resistance.</li> <li>• The wearing comfort is good, so that the body's thermal perspiration device can be eliminated. Generally, PP or PE products cannot achieve this comfort.</li> </ul>
<b>Quality Standard Project</b>	Blood permeability, virus penetration, abrasion resistance, wear resistance, tearing strength, strong bursting strength, water pressure resistance, body sweat removal.	Blood permeability, virus penetration, wear resistance, wear resistance, Tear strength, blasting strength, water pressure resistance, exclusion of human sweat, water repellency, antistatic properties, wet impedance.



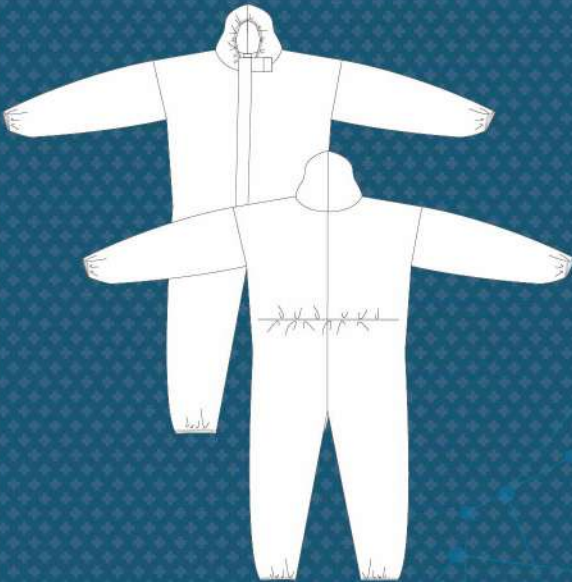
# Everest protective clothing execution strategy- differentiation and competitiveness

	<b>Disposable protective clothing</b>	<b>Everest Disposable protective clothing</b>	<b>Everest Disposable protective clothing</b>
<b>Reuse</b>	<b>×</b>	<b>×</b>	<b>✓</b>
<b>Outer fabric</b>	<b>Non woven fabric</b>	<b>Non woven fabric</b>	<b>Everest's fabric</b>
<b>Inter fabric</b>	<b>Non woven fabric</b>	<b>Non woven fabric</b>	<b>Everest's fabric</b>
<b>Moisture permeability (g/m<sup>2</sup>.24h)</b>	<b>1500</b>	<b>4000</b>	<b>4000</b>
<b>PTFE</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>
<b>Wet microporous</b>	<b>×</b>	<b>normal</b>	<b>PC type</b>



# PROTECTIVE CLOTHING-Isolation overall/gown

## Equipment Level 2



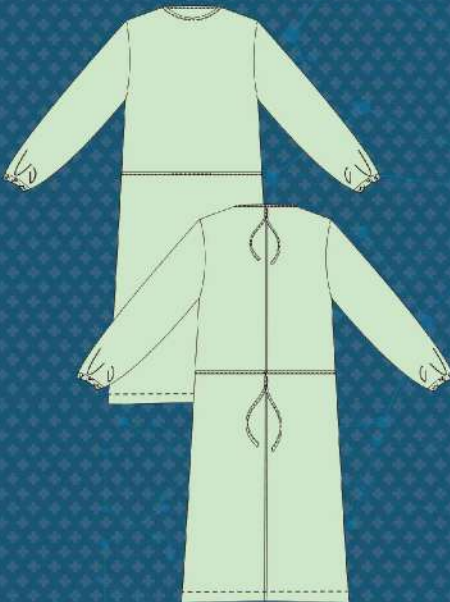
Ever Protection workwear (Isolation Gown and Coveralls) has impact penetration and hydrostatic pressure. This protective clothing is waterproof, soft and light. The function of protective clothing can provide the most basic medical safety protection. If the product is cracked or contaminated, replace the product immediately. This product can only be used once and must be discarded.

### Features :

1. Personal Protective Equipment
2. Conform to AAMI PB70  
AATCC 42  $\leq 1g$   
AATCC 127  $\geq 20cmH_2O$
3. Non-sterile and non-allergenic

### Applicable environment :

- Factories
- Cleaning and disinfection
- Droplets and dust protection
- School institutions
- Outdoor activities
- Kitchens



### Reusable - woven fabric

1. FVF5036DC6RRCA3  
100% polyester  
79g/m<sup>2</sup>
2. FVF2184RRCA2AT4  
100% polyester  
85g/m<sup>2</sup>



▼ Recommended to use sterilization method:  
sterilize with 120~135° high temperature steam,  
for 15~20 minutes.

▼ Washing instruction:  
to washing before use, Add 100 kg of water into 500g  
the detergent and 500 ml of 50%hydrogen peroxide  
washing for 30 minutes, wash 3 times and dry at 80  
degrees for 60 minutes.



# PROTECTIVE CLOTHING-Isolation overall/gown

## Equipment Level 3



Ever Protection workwear (Isolation Gown and Coveralls) has impact penetration and hydrostatic pressure. This protective clothing is waterproof, soft and light. The function of protective clothing can provide the most basic medical safety protection. If the product is cracked or contaminated, replace the product immediately. This product can only be used once and must be discarded.

### Features :

**1. Personal Protective Equipment**

**2. Conform to AAMI PB70**

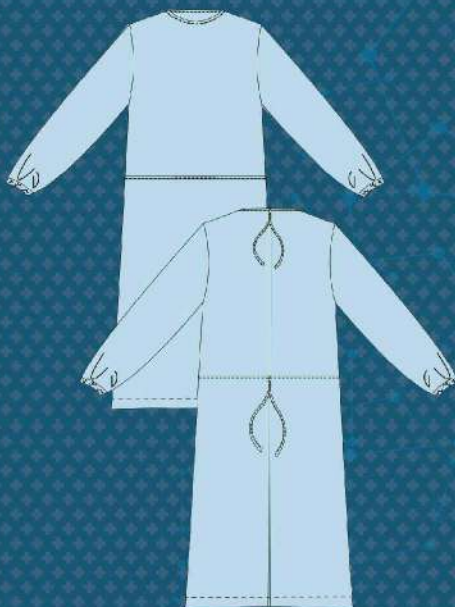
**AATCC 42  $\leq 1g$**

**AATCC 127  $\geq 50cmH_2O$**

**3. Non-sterile and non-allergenic**

### Applicable environment :

- Medical institutions
- Factories
- School institutions
- Outdoor activities
- Kitchens
- Cleaning and disinfection
- Droplets and dust protection



### Reusable - woven fabric

**FVF4172DC6RRCAP50**

**100% polyester**

**95g/m<sup>2</sup>**

### Disposable -nonwoven fabric+PE coating

**LF59022**

**50%polyester 50%nylon**

**75g/m<sup>2</sup>**

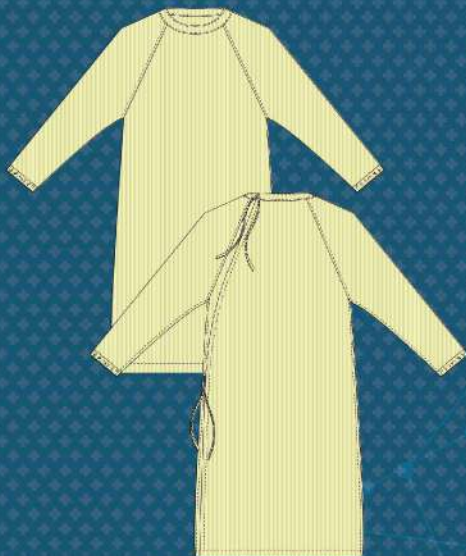
▼ **Recommended to use sterilization method:**  
sterilize with 120~135° high temperature steam, for 15~20 minutes.

▼ **Washing instruction:**  
to washing before use, Add 100 kg of water into 500g the detergent and 500 ml of 50%hydrogen peroxide washing for 30 minutes, wash 3 times and dry at 80 degrees for 60 minutes.



# PROTECTIVE CLOTHING-Surgical gown

## Equipment Level 2



Ever Protection workwear (Isolation Gown and Surgical gown) mainly contains different processing methods, such as: yarn, weaving, dyeing and finishing. The function of protective clothing can provide the most basic medical safety protection. If the product is cracked or contaminated, replace the product immediately. The product can be reused after sterilization. If the product breaks, please discard it in the waste receptacle.

### Features :

1. Personal Protective Equipment
2. Conform to AAMI PB70  
AATCC 42  $\leq 1g$   
AATCC 127  $\geq 20cmH_2O$
3. Non-sterile and non-allergenic
4. Long-lasting durability

### Applicable environment :

- Factories
- Cleaning and disinfection
- Droplets and dust protection
- School institutions
- Outdoor activities
- Kitchens



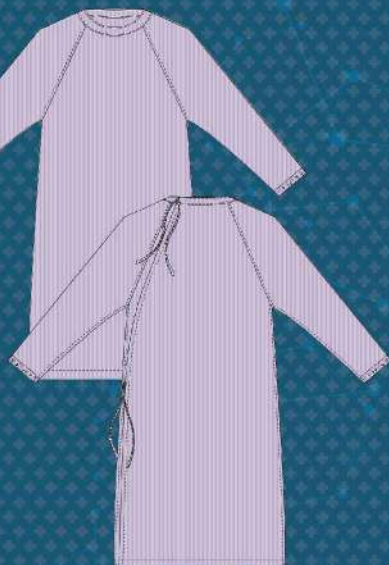
### Reusable - woven fabric

Style# SF19E2059/19U0311D3RCA3  
99%polyester 1%carbon, 151g/y

Style# SF19E2076/19U0312D3RCA3  
99%polyester 1%carbon, 180g/y

▼ Recommended to use sterilization method:  
sterilize with 120~135° high temperature steam, for 15~20 minutes.

▼ Washing instruction:  
to washing before use, Add 100 kg of water into 500g the detergent and 500 ml of 50%hydrogen peroxide washing for 30 minutes, wash 3 times and dry at 80 degrees for 60 minutes.







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