



Hubei Wanli

Hubei Wanli Protective Products Co., Ltd.

Industrial PPE Manufacturer

Product Catalog

▶ **Be Safe Be Sure**
Xian Wanli



Hubei Wanli Protective Products Co., Ltd.

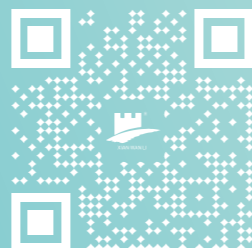
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About Us

Hubei Wanli Protective Products Co., Ltd. was established in 1998 by Wellington Liu. We value R&D, production and sales as a whole to provide solutions in the fields of medical protection, industrial protection and non-woven fabrics. We are a big group of 800 employees, including 30 technical R&D personnel, 50 business personnel and 50 senior professional titles.

Hubei Wanli is a "National High-tech Enterprise", and honored as "China Industrial Textile Leading Enterprise". In 2021, it was rated as one of the top 100 private enterprises in manufacturing in Hubei Province. The company has achieved integrating the whole supply chain from the production of non-woven raw materials, the production of personal protective equipment, domestic and international sales, and retail B2C.

Hubei Wanli operates multiple dust-free production workshop totaled 100,000 square meters (1 million square feet). It holds international trademark "XIAN WANLI" and domestic trademarks "Xian wanli", "Aishangshimei" and "Yuechen", and 20 product patents. The company strictly implements ISO 13485, ISO 9001 quality management system standards and ISO 14001 environmental management system standards, and has passed the EU CE, US Nelson and UK BSI quality inspection certificates, as well as the Sedex international human rights certificate. Products are exported to more than 80 countries in the world.

Hubei Wanli focuses on R&D of respiratory protection and body protection. Product portfolios includes medical masks, protective masks, medical protective clothing, industrial protective clothing, surgical gowns, isolation gowns and other products. All kinds of masks produced have passed international and domestic mainstream tests and certifications such as YY/T 0969, YY 0469, GB 19083, GB 2626, GB 32610, EN 14683, EN 149, ASTM F2100, etc. Protective clothing products have passed the testing and certification of GB 19082, GB 24539, and EU Type 3/4/5/6. Surgical gowns and isolation gowns have passed YY/T 0506, EN 13795, AAMI/ANSI PB 70 testing and certification. And we runs a 10,000-level medical and industrial laboratories, introduced the most advanced experimental testing equipment at home and abroad.

The flagship brand CornyCozy® developed and produced by Hubei Wanli are dedicated to home protection products with its anti-bacterial and skin-friendly features. Currently the brand owns numerous feedback from domestic consumers.

We believe PETER (Professionalism, Effectiveness,

Transparency, Efficiency, and R&D) will lead us to continued success.

Be Safe, Be Sure, Xian Wanli!



Always the best or nothing.
Wellington Liu - President and Founder



Be Safe, Be Sure, Xian Wanli



1998
Hengkang Protective Products Co., Ltd. was founded by Wellington Liu. The workshop produced medical gauze items.



2009
We built International business team, started exporting, now business covers 60 countries worldwide, mainly in EU & NA.



2018
Hubei Wanli laboratory was built with testing capability for internal QC and key requirements for masks and garments.



2021
New headquarter was put into construction with an investment of \$30 million would be completed by year of 2022.



2006
Company name changed to Hubei Wanli Protective Products Co., Ltd. Owned the first plant, focused on manufacturing of non-woven items.



2010
Owned the second plant, complied with ISO 13485, focused on producing Medical masks and coveralls for foreign clients.



2019
Owned the third plant, focused on producing FFP1/2/3 masks and Medical coveralls.



2022
The workshop of raw material is completed and put into production of laminated, PP and Melt blown, new production line of SMS fabric will be completed in year of 2023.



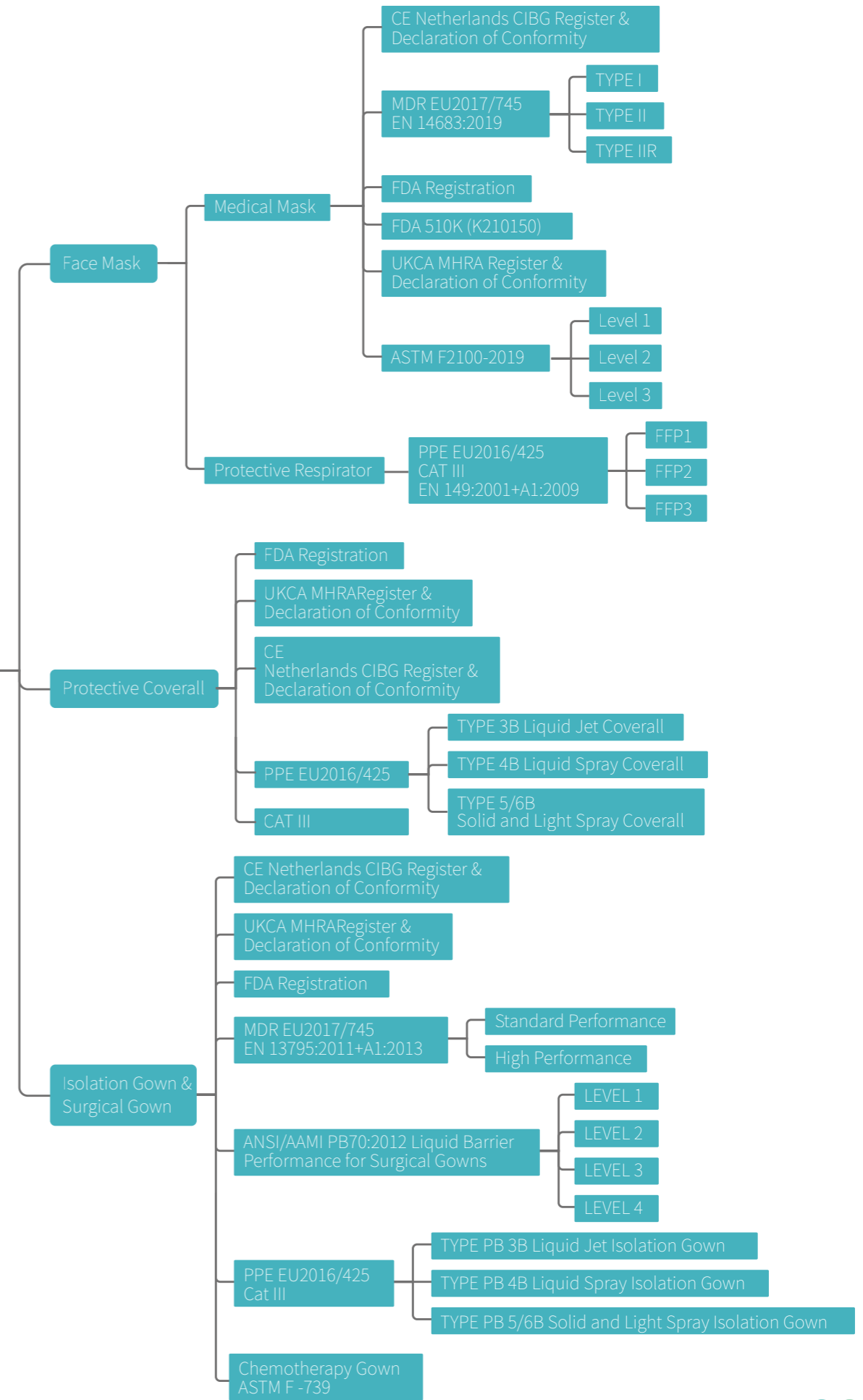
Credentials



Partners



HUBEI WANLI PROTECTIVE PRODUCTS CO., LTD.



Index

Body Protection

Industrial Standard	04
Fabric Technology	05
Protective Coverall	06
Isolation Gown	18
Part Body Accessories	21
Lab Coat	24

Respiratory Protection

Industrial Standard	27
Particulate Respirator	29
Medical and Civil Mask	34

Head Protection 37

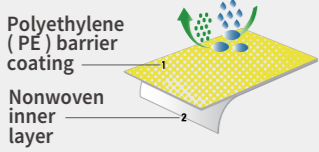
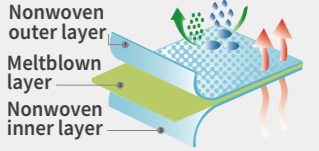
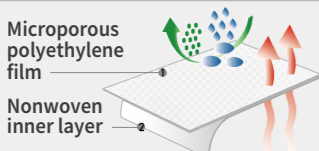
Foot Protection 39

Arm Protection 42

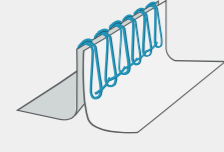

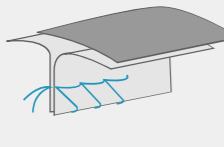
Chemical Protective Clothing, Category III			
Pictogram	Type	Definition and Exposure Level	Product Standard and Year of publication
	TYPE 1 TYPE 1- ET	Gas-tight TYPE 1-Protective clothing against liquid and gaseous chemicals,including liquid aerosols and solid particles. TYPE 1-ET- Performance requirements for emergency teams.	EN 943-1:2019 EN 943-2:2019
	TYPE 2	Non-Gas-Tight Protective clothing against liquid and gaseous chemical including liquid aerosols and solid particles.	EN 943 -1:2019
	TYPE 3	Liquid Tight Protective clothing against liquid chemicals. Exposure to pressurised jet of liquid.	EN 14605:2005 / A1:2009
	TYPE 4	Spray Tight Protective clothing against liquid chemicals. Exposure to a liquid spray aerosol (unpressurised).	EN 14605:2005 / A1:2009
	TYPE 5	Solid Particulates Protective clothing against solid-airborne particulates.	EN ISO 13982-1:2004 / A1:2010
	TYPE 6	Limited protective performance against liquid chemicals. Potential exposure to small quantities of fine spray / mist or accidental low volume splashes and where wearers are able to take timely adequate action in case of contamination	EN 13034:2005 / A1:2009

Other Relevant Standards

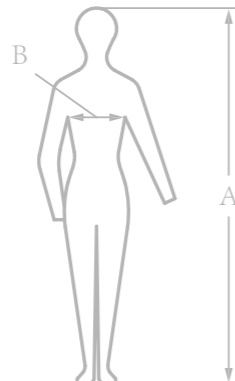
Pictogram	Definition	Standard and Year
	Protective clothing with electrostatic properties - material performance and design requirements	EN 1149-5:2018
	Protective clothing against radioactive contamination	EN 1073-2 :2002
	Protective clothing with protection against heat and flame-limited flamespread materials , material assemblies and clothing Three ' Index (levels) of protection are defined X formance : Single use and no pre-cleaning or laundering Index materials limit the flame spread , but will melt and must always be worn on toof Index 2 or 3 garments	EN ISO 14116:2015
	Protective clothing (fabrics) against infective agents (indicate by a 'B' eg. Type 3B) and comprising several fabric protection test methods	EN 14126:2003

 <p>Polyethylene (PE) barrier coating Nonwoven inner layer</p>	PP+PE Coated	Polypropylene PE laminate is designed to offer a good barrier against hazardous particles and limited liquid splashes, while the micropores allow for some breathability.
 <p>Nonwoven outer layer Meltblown layer Nonwoven inner layer</p>	SMS	Spunbound Meltblown Spunbound are robust breathable fabrics, designed to offer a good barrier against hazardous particles and limited liquid splashes.
 <p>Microporous polyethylene film Nonwoven inner layer</p>	PP+PE Coated	The extremely light and tight spunbond-polypropylene-laminate provides an effective barrier against many organic and inorganic liquid chemicals in liquid splashes and sprays.

Seams Technology

 <p>Serged</p>	Serged	A serged seam is an economical stitching method for general applications. This stitching method is generally not used for chemical protective clothing. It is more commonly found on disposable clothing where dry particulates are a concern.
 <p>Bound</p>	Bound	A bound seam joins two pieces of material with an overlay of similar material and is chain stitched through all layers for a clean finished edge. This provides increased holdout of liquids and dry particulates.
 <p>Serged and Taped</p>	Serged and Taped	A heat sealed seam is sewn and then sealed with a heat activated tape. This method provides liquid proof seams, and is especially useful for Level A and B chemical protective clothing.

Sizing Chart



Alpha Size	Body Height A(cm)	Chest Width B(cm)
S	156-164	86-94
M	164-172	94-102
L	172-180	102-110
XL	180-188	110-118
2XL	188-198	118-129
3XL	198-204	129-141
Tolerance	± 3	± 3

[Type 4 / 5 / 6 Chemical Spray Tight Coverall]

This is an extremely excellent light weight and flexible Type 4 & 5 & 6 entry-level chemical protective coverall. Stitched and taped seams provide full seal, no seam holes to allow penetration of dusts and liquids.

Fabric: Microporous film laminate

Seam Type: Stitched & taped seams

Style: Elasticated hood, waist, wrists and ankles, 2-way zipper with adhesive taped flap and thumb loops



Protection Level

EN 14605: 2005+A1: 2009-Type 4: Protective clothing against liquid chemicals

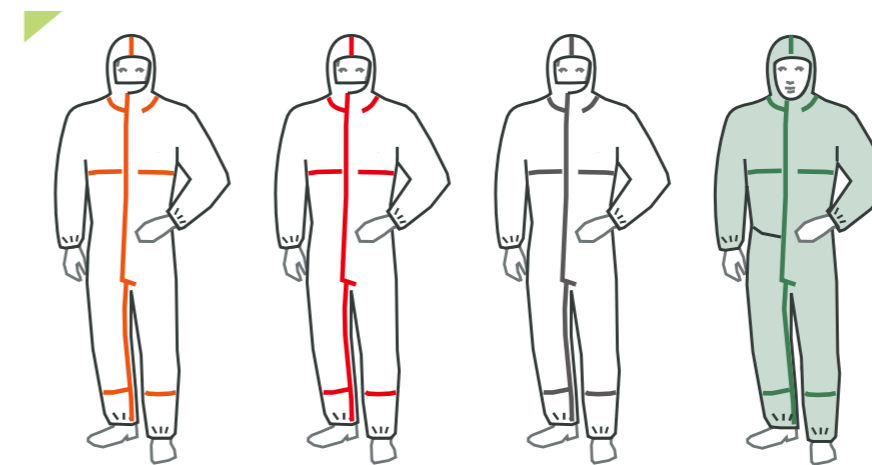
EN ISO 13982-1: 2004+A1: 2010-Type 5: Protection against hazardous dry particles

EN 13034: 2005+A1: 2009-Type 6: Protection against light spray of liquids

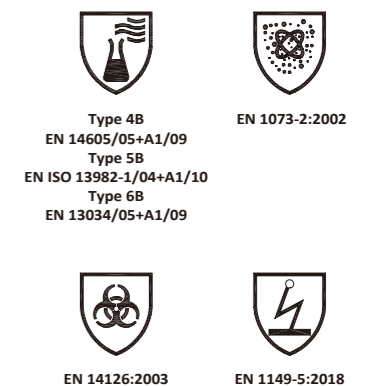
EN 14126: 2003+AC: 2004-Protection against biological hazards and infective agents

EN 1073-2: 2002-Protection against radioactive contamination

EN 1149-5: 2018-Electrostatic Charges



REF	Style	Color	Size
WLO3001	Elastic Cuff	Tape in Blue	S-4XL
WLO3001GT	Elastic Cuff	Tape in Gray	S-4XL
WLO3001OT	Elastic Cuff	Tape in Orange	S-4XL
WLO3001RT	Elastic Cuff	Tape in Red	S-4XL
WLO3001Gn	Elastic Cuff	Whole Green	S-4XL
WLO3001KC	Knitted Cuff	Tape in Blue	S-4XL



[Type 5B / 6B Microporous Coverall]

This Microporous polyethylene film laminate coverall with stitched seams provides a high liquid protection and dust barrier whilst allowing moisture vapour to escape through a high Moisture Vapour Transmission Rate (MVTR)

Fabric: Microporous film laminate

Seam Type: Stitched

Style: Elasticated hood/waist/wrists/ankles, 2-way zipper with adhesive taped flap

Protection Level

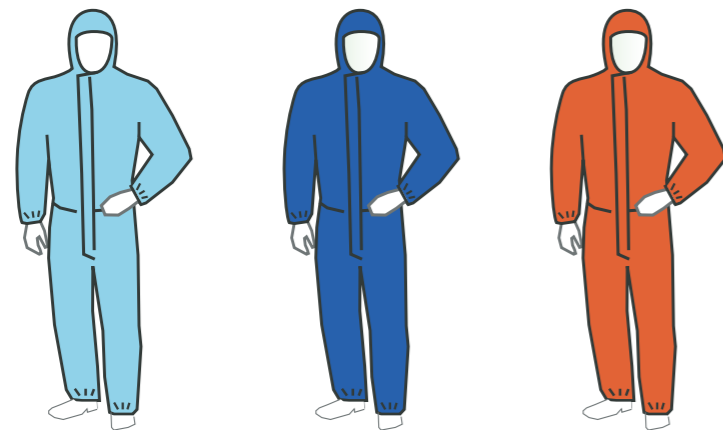
EN ISO 13982-1: 2004+A1: 2010-Type 5: Protection against hazardous dry particles

EN 13034: 2005+A1: 2009-Type 6: Protection against light spray of liquids

EN 14126: 2003+AC: 2004-Protection against biological hazards and infective agents

EN 1073-2: 2002-Protection against radioactive contamination

EN 1149-5: 2018-Electrostatic Charges



REF	Duty	Cuff	Color	Size
WLO3002	Regular	Elastic Cuff	White	S-4XL
WLO3002B	Regular	Elastic Cuff	Blue	S-4XL
WLO3002DB	Regular	Elastic Cuff	Dark Blue	S-4XL
WLO3002KN	Regular	Knitted Cuff	White	S-4XL
WLO3002L	Light	Elastic Cuff	White	S-4XL
WLO3002LKC	Light	Knitted Cuff	White	S-4XL
WLO3002OR	Regular	Elastic Cuff	Orange	S-4XL
WLO3002T	Heavy	Elastic Cuff	White	S-4XL
WLO3002TKC	Heavy	Knitted Cuff	White	S-4XL



[Type 5B / 6B Hi-Vis Microporous Coverall]

This Microporous polyethylene film laminate coverall with reflective tapes provides a high visibility and provides liquid protection and dust barrier whilst allowing moisture vapour to escape through a high Moisture Vapour Transmission Rate (MVTR)

Fabric: Microporous film laminate

Seam Type: Stitched

Style: Elasticated hood/waist/wrists/ankles, 2-way zipper with adhesive taped flap, reflective tapes on shoulders/chest/arms/ankles

Protection Level

EN ISO 13982-1: 2004+A1: 2010-Type 5: Protection against hazardous dry particles

EN 13034: 2005+A1: 2009-Type 6: Protection against light spray of liquids

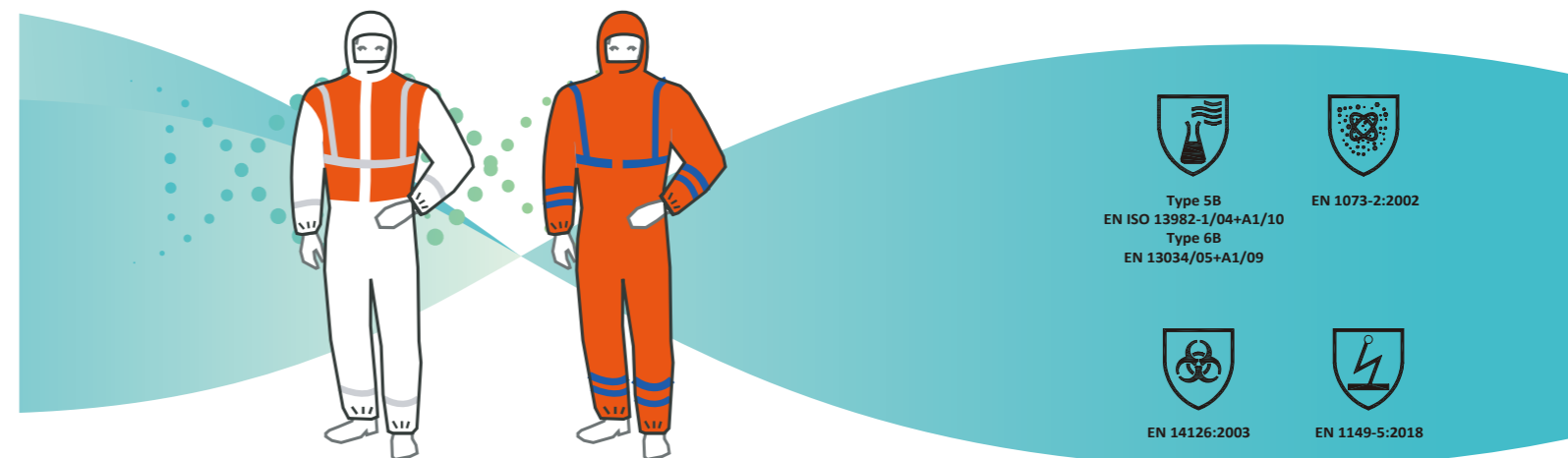
EN 14126: 2003+AC: 2004-Protection against biological hazards and infective agents

EN 1073-2: 2002-Protection against radioactive contamination

EN 1149-5: 2018-Electrostatic Charges



REF	Color	Size
WLO3002HV	White	S-4XL
WLO3002HVOC	Orange Chest	S-4XL



[Type 5 / 6 SMS Coverall]

This 3 layer SMS nonwoven polypropylene with high breathability and excellent comfort provides effective protection against hazardous dry particles and light liquid sprays

Fabric: SMS nonwoven polypropylene

Seam Type: Stitched

Style: Elasticated hood/waist/wrists/ankles, 2-way zipper with adhesive taped flap

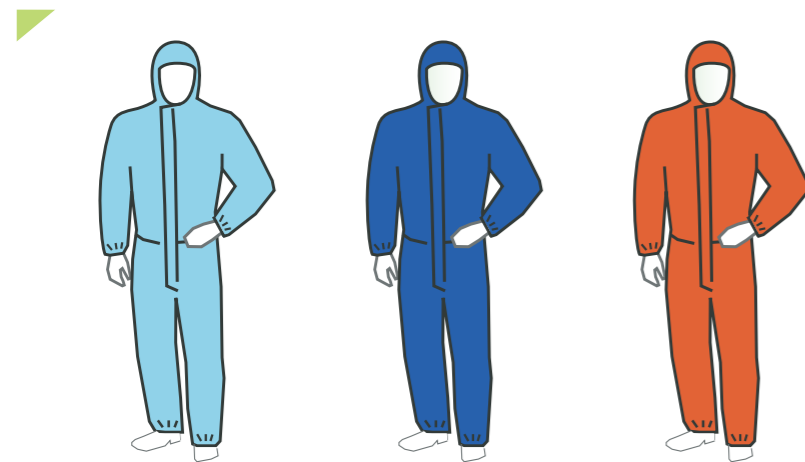
Protection Level

EN ISO 13982-1: 2004+A1: 2010-Type 5: Protection against hazardous dry particles

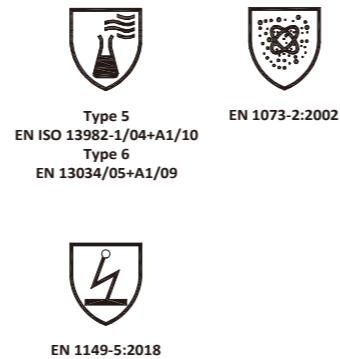
EN 13034: 2005+A1: 2009-Type 6: Protection against light spray of liquids

EN 1073-2: 2002-Protection against radioactive contamination

EN 1149-5: 2018-Electrostatic Charges



REF	Duty	Cuff	Color	Size
WLO3003	Regular	Elastic Cuff	White	S-4XL
WLO3003B	Regular	Elastic Cuff	Blue	S-4XL
WLO3003KN	Regular	Knitted Cuff	White	S-4XL
WLO3003L	Light	Elastic Cuff	White	S-4XL
WLO3003LB	Light	Elastic Cuff	Blue	S-4XL
WLO3003LKC	Light	Knitted Cuff	White	S-4XL
WLO3003OR	Regular	Elastic Cuff	Orange	S-4XL



[Type 5/6 Flame Retardant SMS Coverall]

EN ISO 15025

Vertical Flammability Test used in **EN 14116**.

The **EN ISO 15025** test used in **EN 14116** applies a small flame to the centre of a sample of the garment fabric suspended vertically for 10 seconds.

Fabric is classified according to one of three "index's" according to recorded performance.

Our **EN 14116** Secondary FR disposable fabrics meet the Index 1 requirements.

Index 1

- No flame or melting to reach upper or outer edge
- No flaming or molten debris
- Afterglow < 2 seconds

Index 2

- Satisfying Index 1
- No hole formation > 5mm

Index 3

- Satisfying Index 2
- Afterflame < 2 seconds

REF	Color	Size
WLO3003FR	White	S-4XL
WLO3003FRB	Blue	S-4XL



[Type 3B / 4B Chemical Liquid Tight Coverall]

The TYPE 3B/4B chemical protective coverall offers superior protection against chemical splashes and toxic particles, made from high-performance PP & PE material, the fabric's physical strength and flexibility ensure safe and comfortable work even in the harshest environments.

Fabric: Multi-layer laminated fabric

Seam Type: Stitched & taped seams

Style: 3 pieces hood, inset sleeves, elasticated hood/waist/cuffs/ankles, 2-way zipper with adhesive taped flap/chin flap, thumb loops

Protection Level

EN 14605: 2005 - Type 3 & 4: Protection against splashes and sprays of liquid chemicals

EN ISO 13982: 2004 - Type 5: protection against hazardous dry particles

EN 13034: 2005 - Type 6: Protection against light spray of liquids

EN14126: 2003+AC: 2004-Protection against biological hazards and infective agents

EN 1073-2: 2002-Protection against radioactive contamination

EN 1149-5: 2018-Electrostatic Charges



[Type 5B / 6B Microporous Coverall Bound Seams]

Microporous laminated fabric provides soft and flexible fitting wearing. Bond seams provides superior strength on sewing lines to allow more intense movements.

Fabric: Microporous film laminate

Seam Type: Stitched and bound seams

Style: Elasticated hood/waist/wrists/ankles, 2-way zipper with adhesive taped flap

Protection Level

EN ISO 13982-1: 2004+A1: 2010-Type 5: Protection against hazardous dry particles

EN 13034: 2005+A1: 2009-Type 6: Protection against light spray of liquids

EN14126: 2003+AC: 2004-Protection against biological hazards and infective agents

EN 1073-2: 2002-Protection against radioactive contamination

EN1149-5: 2018-Electrostatic Charges



Type 3B
EN 14605/05+A1/09
Type 4B
EN 14605/05+A1/09
Type 5B
EN ISO 13982-1/04+A1/10
Type 6B
EN 13034/05+A1/09



EN 1073-2:2002



EN 14126:2003



EN 1149-5:2018

REF	Style	Color	Size
WLO3005	Elastic Cuff	Seams in Blue	S-4XL
WLO3005SG	Elastic Cuff	Seams in Green	S-4XL



Type 5B
EN ISO 13982-1/04+A1/10
Type 6B
EN 13034/05+A1/09



EN 1073-2:2002

REF	Duty	Color	Size
WLO3004	Regular	Yellow	S-4XL
WLO3004L	Light	Yellow	S-4XL

[Type 5 / 6 Microporous Cool Suit with SMS Rear]

This coverall feature superior protection of Microporous fabric with a breathable panel of blue SMS fabric inset to the rear provides breathability and maintains a high level of comfort.

Fabric: Microporous film laminate with SMS on back part
Seam Type: Stitched
Style: Elasticated hood/waist/wrists/ankles, 2-way zipper with adhesive taped flap



Protection Level

- EN ISO 13982-1: 2004+A1: 2010**-Type 5: Protection against hazardous dry particles
- EN 13034: 2005+A1: 2009**-Type 6: Protection against light spray of liquids
- EN 1073-2: 2002**-Protection against radioactive contamination
- EN 1149-5: 2018**-Electrostatic Charges

			
Type 5 EN ISO 13982-1/04+A1/10	EN 1073-2:2002	EN 14126:2003	EN 1149-5:2018
Type 6 EN 13034/05+A1/09			

REF	Color	Size
WLO3006	White & Blue Back	S-4XL

[Type 5 / 6 Microporous Cool Suit with Triangle SMS Back]

This coverall feature superior protection of Microporous with a breathable triangle panel of SMS fabric inset to the rear

Fabric: Microporous film laminate with triangle SMS on back part
Seam Type: Stitched
Style: Elasticated hood/waist/wrists/ankles, 2-way zipper with adhesive taped flap



Protection Level

- EN ISO 13982-1: 2004+A1: 2010**-Type 5: Protection against hazardous dry particles
- EN 13034: 2005+A1:2009**-Type 6: Protection against light spray of liquids
- EN 1073-2: 2002**-Protection against radioactive contamination
- EN1149-5: 2018**-Electrostatic Charges

			
Type 5 EN ISO 13982-1/04+A1/10	EN 1073-2:2002	EN 14126:2003	EN 1149-5:2018
Type 6 EN 13034/05+A1/09			

REF	Color	Size
WLO3007	White & Blue Back	S-4XL

[Type 5 / 6 SMS Coverall with Taped Seams]

Extremely excellence lightweight and flexible Type 5&6 entry-level chemical protective coverall. Stitched and taped seams provide full seal. No seam holes to allow penetration of dusts and liquids.

Fabric: SMS nonwoven polypropylene
Seam Type: Stitched & taped seams
Style: Elasticated hood/waist/wrists/ankles, 2-way zipper with adhesive taped flap



Protection Level

EN ISO 13982-1: 2004+A1: 2010-Type 5: Protection against hazardous dry particles

EN 13034: 2005+A1: 2009-Type 6: Protection against light spray of liquids

EN 1073-2: 2002-Protection against radioactive contamination

EN 1149-5: 2018-Electrostatic Charges



Type 5
EN ISO 13982-1/04+A1/10
Type 6
EN 13034/05+A1/09



EN 1073-2:2002



EN 1149-5:2018

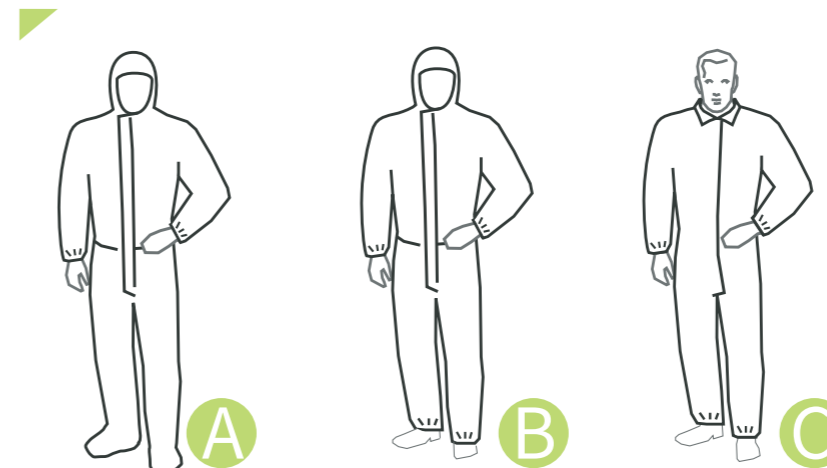
REF	Color	Size
WLO3009	Tape in Blue	S-4XL
WLO3009OT	Tape in Orange	S-4XL
WLO3009RT	Tape in Red	S-4XL
WLO3009GT	Tape in Gray	S-4XL

[Customized Coveralls]

We provide the maximum customization for our clients, with decades of manufacturing expertise. Let us know your application and requirements, we will get you a YES answer.

Fabric: Microporous/ SMS/ PP
Seam Type: Stitched
Colors: White / Blue / Green / Orange
Style: Elasticated waist/wrists, front zipper flap, insert sleeves

- A: with hood and boot
- B: with hood no boot
- C: with collar no boot



Overshoes

Hooded

Collared

REF	Fabric	Weight	Style	Size
WLOYESMPC	Microporous	40-55gsm	Overshoes	S-4XL
WLOYESMPF	Microporous	40-55gsm	Hooded	S-4XL
WLOYESMP	Microporous	40-55gsm	Collared	S-4XL
WLOYESPC	PP	20-70gsm	Overshoes	S-4XL
WLOYESP	PP	20-70gsm	Hooded	S-4XL
WLOYESSMSC	SMS	30-55gsm	Overshoes	S-4XL
WLOYESSMSF	SMS	30-55gsm	Hooded	S-4XL
WLOYESSMS	SMS	30-55gsm	Collared	S-4XL

Protective Gown

We are EXPERTS in surgical gowns and isolation gowns manufacturing. After years of testing and innovation at our own lab, we are proud to present a spectrum of our surgical gowns and isolation gowns that passed all American and European standards.

ANSI/AAMI PB70: 2012

Liquid barrier performance and classification of protective apparel and drapes intended for use in health care facilities.

EN 13795-1:2019

Surgical clothing and drapes- Requirements and test methods- part 1: Surgical drapes and gowns.

Classification	Risk Level	Application
Level 1	Minimal risk	Basic care, standard isolation, cover gown for visitors, or in a standard medical unit
Level 2	Low risk	Blood draw, suturing, in the Intensive Care Unit (ICU), or a pathology lab
Level 3	Moderate risk	During arterial blood draw, inserting an Intravenous (IV) line, in the Emergency Room, or for trauma cases
Level 4	High risk	Long, fluid intense procedures, surgery, when pathogen resistance is needed or infectious diseases are suspected (non-airborne)
Standard Performance	Low Risk	Blood draw, suturing, in the Intensive Care Unit (ICU), or a pathology lab
High Performance	High Risk	Long, fluid intense procedures, surgery, when pathogen resistance is needed or infectious diseases are suspected (non-airborne)

[Type 4B Chemical Isolation Gown]

Ideal for handling cytostatics and various laboratory activities. An effective barrier against many low-concentration, water-based inorganic chemicals (even under pressure), small-sized hazardous particles as well as oil repellent.

Knitted cuff for better comfort. Openness in the back closure for increased ergonomics of the wearer - the hazard and uncomfortable feeling of slipping is avoided while sitting in front of the bench.

Fabric: Microporous

Seam Type: Stitched & taped seams

Style: One piece opening at back, ties on the waist and back neck, knitted cuffs

Standard:

EN 14605:2005+A1:2009 Type PB 4B

Protective performance against spray and infective agents

EN 14126:2003 +AC:2004

Performance requirements and tests methods for protective clothing against infective agents

EN 14325:2004

Protective clothing against chemicals - Test methods and performance classification of chemical protective clothing materials, seams, joins and assemblages

EN ISO 13688:2013 Protective clothing -General requirements



Type PB4
EN 14605/05+A1/09



EN 14126:2003

REF	Color	Size
WLG 3001	White	S-3XL



Chart info is based on FDA publishes, retrieved from

<https://www.fda.gov/medical-devices/personal-protective-equipment-infection-control/medical-gowns>

[Type 3B Chemical Isolation Gown]

Protection against numerous concentrated inorganic chemicals and biohazards. Protective seams, stitched and over-taped with barrier-tape, providing barrier performance equal to that of the fabric.

Knitted cuff for better comfort. Openness in the back closure for increased ergonomics of the wearer - the hazard and uncomfortable feeling of slipping is avoided while sitting in front of the bench.

Fabric: Multi-layer laminated fabric
Seam Type: Stitched & taped seams
Style: One piece opening at back, ties at waist and back neck, knitted cuffs

Standard:
EN 14605:2005+A1:2009 Type PB-3B
Protective performance against spray and infective agents

EN 14126:2003 +AC:2004
Performance requirements and tests methods for protective clothing against infective agents

EN 14325:2004
Protective clothing against chemicals - Test methods and performance classification of chemical protective clothing materials, seams, joins and assemblages

EN ISO 13688:2013 General requirements



REF	Color	Size
WLG3004	Yellow	S-3XL

[Type 3B/4B Chemical Protective Gown]

Protection against numerous concentrated inorganic chemicals and biohazards. Protective seams, stitched and over-taped with barrier-tape, providing barrier performance equal to that of the fabric.

Fabric: Multi-layer laminated fabric
Seam Type: Stitched & taped seams
Style: One piece opening at back with ties, with tear tape closure on the neck, bottom sleeve with knitted cuffs (inner layer) and elastic cuffs (outer layer)

Standard:
EN 14605:2005+A1:2009 Type PB-3B/4B
Protective performance against spray and infective agents

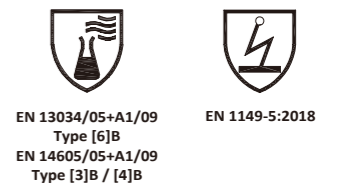
EN 13034:2005 +A1:2009
Protective clothing against liquid chemicals

EN 14126:2003+AC:2004
Performance requirements and tests methods for protective clothing against infective agents

EN 1149-5:2018
Protective clothing – Electrostatic properties

EN 14325:2004
Protective clothing against chemicals - Test methods and performance classification of chemical protective clothing materials, seams, joins and assemblages

EN ISO 13688:2013 General requirements



REF	Color	Size
WLG1015	Yellow	S-3XL



[TYPE PB-3B/4B Protective Hood]

Fabric: Multi-layer laminated fabric
 Seam Type: Stitched & taped seams
 Style: with elastic around face

REF	Style	Color	Size
WLC1013	Elastic Cuff	Yellow	S-4XL



[TYPE PB-3B/4B Oversleeve]

Fabric: Multi-layer laminated fabric
 Seam Type: Stitched & taped seams
 Style: with cuff and thumb loop, elastic around top seam

REF	Style	Color	Size
WLP6005	Elastic Cuff	Yellow	S-4XL



[TYPE PB-3B/4B Protective Apron]

Fabric: Multi-layer laminated fabric
 Seam Type: Stitched
 Style: with ties and neck loop

REF	Style	Color	Size
WLP5010	Elastic Cuff	Yellow	S-4XL



[SMS Isolation Gown] WLG1002

SMS fabric is well-known for its balance between excellent water repellency and breathability. Modern workwear is one of the major playground for this fabric, especially used for cooling body from abundance of hot moisture.

Fabric: SMS 25-60gsm
 Seam Type: Stitched/Ultrasonic welded
 Style: One piece opening at back, ties at waist
 With ties/velcro at back neck
 Knitted/Elastic cuffs
 Color: ● ○ ● ●

REF	Weight	Style	Color	Size
WLG1002	25-60gsm	Elastic Cuff	White	S-3XL
WLG1002B	25-60gsm	Elastic Cuff	Blue	S-3XL
WLG1002KC	25-60gsm	Knitted Cuff	White	S-3XL
WLG1002KCB	25-60gsm	Knitted Cuff	Blue	S-3XL
WLG1002KCY	25-60gsm	Knitted Cuff	Yellow	S-3XL
WLG1002Y	25-60gsm	Elastic Cuff	Yellow	S-3XL



[PP+PE Isolation Gown] WLG1005

Standard: AAMI PB70 Level 1, 2, 3, 4,
 PP+PE fabric is born with the best water repellency and light weight. It is considered a no-brainer solution for protection against light liquid splash in most workplaces.

Fabric: PP+PE 30-60gsm
 Seam Type: Stitched/ultrasonic welded
 Style: One piece opening at back, ties at waist
 With ties/velcro at back neck
 Knitted/elastic cuffs
 Color: ● ● ○ ●

REF	Weight	Style	Color	Size
WLG1005	30-60gsm	Elastic Cuff	White	S-3XL
WLG1005B	30-60gsm	Elastic Cuff	Blue	S-3XL
WLG1005KC	30-60gsm	Knitted Cuff	White	S-3XL
WLG1005KCB	30-60gsm	Knitted Cuff	Blue	S-3XL
WLG1005KCY	30-60gsm	Knitted Cuff	Yellow	S-3XL
WLG1005Y	30-60gsm	Elastic Cuff	Yellow	S-3XL



[PP Isolation Gown] WLG01

Fabric: PP 20-60gsm
 Seam Type: Stitched
 Style: One piece opening at back, ties at waist
 With ties/ velcro at back neck
 Knitted / elastic cuffs
 Color: ●○○○

REF	Weight	Style	Color	Size
WLG01B	20-60gsm	Elastic Cuff	Blue	S-3XL
WLG01KC	20-60gsm	Knitted Cuff	White	S-3XL

*All gowns are available with different colors and weight per your request.



[Standard Convenience Gown] WLG05

One-step molding technology, heat sealing sewing without stitches
 Over the head style to save time
 The tear-away seam in the back for easy removal
 Thumb hook and elastic cuff to prevent sleeve sliding

Fabric: SMS/PP+PE 25gsm~45gsm
 Size: 110x106cm, or customized
 Color: ●●



REF	Fabric	Weight	Style	Color	Size
WLG05MB	SMS	25-55gsm	Elastic Cuff	Blue	110x106cm
WLG05MTHB	SMS	25-55gsm	Thumb Hoop	Blue	110x106cm
WLG05MTHY	SMS	25-55gsm	Thumb Hoop	Yellow	110x106cm
WLG05MY	SMS	25-55gsm	Elastic Cuff	Yellow	110x106cm
WLG05PECB	PP+PE Coated	25-55gsm	Elastic Cuff	Blue	110x106cm
WLG05PECTHB	PP+PE Coated	25-55gsm	Thumb Hoop	Blue	110x106cm
WLG05PECTHY	PP+PE Coated	25-55gsm	Thumb Hoop	Yellow	110x106cm
WLG05PECY	PP+PE Coated	25-55gsm	Elastic Cuff	Yellow	110x106cm



[Reinforced Convenience Gown] WLG06

One-step molding technology, heat sealing sewing without stitches
 Over the head style to save time
 The tear-away seam in the back for easy removal
 Thumb hook and elastic cuff to prevent sleeve sliding
 Chest and sleeves reinforced for an excellent barrier against fluids and pathogens.

Fabric: SMS/PP+PE 25gsm~45gsm
 Size: 110x106cm, or customized
 Color: ●●

REF	Fabric	Weight	Style	Color	Size
WLG06PECB	PP+PE Coated	25-55gsm	Elastic Cuff	Blue	110x106cm
WLG06PECY	PP+PE Coated	25-55gsm	Elastic Cuff	Yellow	110x106cm
WLG06PECTHB	PP+PE Coated	25-55gsm	Thumb Hoop	Blue	110x106cm
WLG06PECTHY	PP+PE Coated	25-55gsm	Thumb Hoop	Yellow	110x106cm
WLG06MB	SMS	25-55gsm	Elastic Cuff	Blue	110x106cm
WLG06MY	SMS	25-55gsm	Elastic Cuff	Yellow	110x106cm
WLG06MTHB	SMS	25-55gsm	Thumb Hoop	Blue	110x106cm
WLG06MTHY	SMS	25-55gsm	Thumb Hoop	Yellow	110x106cm



[Convenience CPE Gown] WLG07

One-step molding technology
 Over the head style to save time
 The tear-away seam in the back for easy removal
 Thumb hook

Fabric: CPE 40g, 45g, 50g per piece, or customized
 Size: 120x140cm, or customized
 Color: ●○

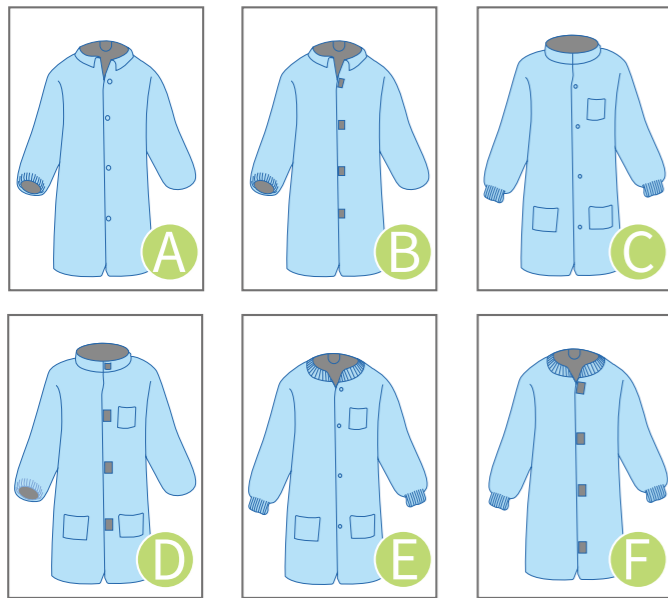
REF	Style	Color
WLG07THB	40-55g/pc	Blue
WLG07THY	40-55g/pc	Green



[Disposable Lab Coat] WLL

Lab coats play a vital role in protecting workers and keeping working environments clean. Our lab coats protect the wearer's skin and clothing from potentially hazardous materials while preventing cross-contamination.

Fabric: PP, SMS, Microporous
 Style: Knitted collar, fold-down collar, stand-up collar.
 Pockets: 1 - 3
 Closure: Snap button, Velcro, Zipper
 Cuff: Knitted/elastic
 Size: S-XXL
 Color: ●○●●●●●●



REF	Style	Check
WLLSB	Single Collar, Button	A
WLLSV	Single Collar, Velcro	B
WLLUB	Stand-up Collar, Button	C
WLLUV	Stand-up Collar, Velcro	D
WLLKB	Knitted Collar, Button	E
WLLKV	Knitted Collar, Velcro	F

[Disposable Non-woven Suit]

Jacket WLLJ

Fabric: PP, SMS, Microporous
 Style: Knitted collar, fold-down collar, stand-up collar.
 Pockets: 1 - 3
 Closure: Snap button, velcro, zipper
 Cuff: Elastic, knitted
 Waist: Knitted/elastic
 Size: S-XXL
 Color: ●○●●●●●●

REF	Style
WLLJSB	Single Collar, Button
WLLJSV	Single Collar, Velcro
WLLJUB	Stand-up Collar, Button
WLLJUV	Stand-up Collar, Velcro
WLLJKB	Knitted Collar, Button
WLLJKV	Knitted Collar, Velcro



Pants WLLP

Fabric: PP, SMS, Microporous
 Waist: Elastic / tied
 Size: S-XXL
 Color: ●○●●●●●●

REF	Style
WLLPE	Elastic Waist
WLLPT	Tied Waist

[Light Duty Apron] WLLA

Material: PP, PE, Microporous
 Thickness:
 PP: 20-60gsm
 PE/CPE: 0.008mm ~0.045mm, or customized
 Size: 75x110cm, 90x160cm, 110x180cm, or customized
 Color: ●○●●●●●●

REF	Fabric	Weight	Color	Size
WLP01EA	PE	0.015 mm	White	75x110cm
WLP01PBB	PP	0.015 mm	Blue	90x160cm
WLP01MPBB	Microporous	0.015 mm	Blue	90x160cm



Activities

Wood working

Soft wood: Sanding and cutting
 Hard wood (oak, beech, tropical wood): Sanding and cutting
 Sanding/brushing off colour
 Sanding/brushing off colour (paint containing chrome)
 Water-soluble paint containing copper/chrome/arsenic

Construction and related industries

Cement work, plastering, tiling, roofing
 Masonry: Cutting, drilling, demolition
 Asbestos: Working with small amounts
 Roof insulation, glass and mineral fibres
 Putty/filler: sanding

Welding work

Stainless steel and aluminium welding
 Hard soldering

Metalworking

Metal: Drilling, grinding, milling, angle grinding
 High alloy steel/stainless steel:

Disposal/Cleaning work

Waste sorting and disposal
 Disposal of medical waste
 Sweeping floors
 Radioactive dust

Agriculture

Animal diseases/Handling sick animals
 Handling mould spores
 Handling hay, cereal, flour

Medicine/Care/Health

Allergies, pollen, house dust, pet hair
 Bacteria, viruses, infections, Legionella

Harmful substances

Fine particles, wood dust	.....
Fine particles, wood dust	.....
Fine paint particles	.....
Fine paint particles	.....
Fine paint particles	.....
Cement/plaster/tile/brick dust	.....
Fibres	.....
Dust and fibres	.....
Dust	.....
Metal and aluminium oxide smoke	.....
Smoke	.....
Metal dust	.....
Drilling, grinding, milling, angle grinding Metal dust	.....
Dust, fungi	.....
Bacteria, spores	.....
Dust (not toxic)	.....
Dust	.....
Bacteria, viruses	.....
Spores	.....
Dust	.....
Dust, particles, spores	.....
Bacteria, viruses	.....

Protection Classes

	FFP1	FFP2	FFP3
		✓	
			✓
		✓	
			✓
			✓
		✓	
		✓	
			✓
		✓	
			✓
			✓
			✓
		✓	
	✓		
			✓
			✓
	✓		
		✓	
			✓
		✓	
			✓

Overview of applications

EN 149 Explained

EN 149:2001+A1:2009
 Respiratory protective devices. Filtering half masks to protect against particles.
 Respirators which meet the requirements of **EN149: 2001** are designed to protect against solids, water based aerosols and oil based aerosols. There are three classes of protection detailed in **EN149: 2001** – FFP1, FFP2 & FFP3 and filtering facepieces are classified according to filter efficiency.gowns.

- R=Reusable
- NR=Non reusable
- D = Dolomite Clogging Test Passed
- Activated Carbon: Layers of carbon designed to offer relief from the irritation of low level of specific gases and vapors

Class	Filtering Efficiency EN 149 at 95 L/min airflow, others at 85
FFP1	80% salt and oil aerosol
FFP2	94% salt and oil aerosol
FFP3	99% salt and oil aerosol



WL-2010-FFP1

[FFP1 Respirator]

FFP1 NR

PFE: ≥ 80%
Style: without valve
Standard: **EN149:2001+A1:2009**
Package: 20 pcs / box, 240 pcs / ctn



WL-2010C-FFP1

[FFP1 Respirator with Acticarbon Layer]

FFP1 NR

PFE: ≥ 80%
Style: without valve, with acticarbon layer
Standard: **EN149:2001+A1:2009**
Package: 20 pcs / box, 240 pcs / ctn



WL-2011-FFP1

[FFP1 Valved Respirator]

FFP1 NR D

PFE: ≥ 80%
Style: with valve
Standard: **EN149:2001+A1:2009**
Package: 20 pcs / box, 240 pcs / ctn



WL-2011C-FFP1

[FFP1 Valved Respirator with Acticarbon Layer]

FFP1 NR D

PFE: ≥ 80%
Style: with valve, with Acticarbon layer
Standard: **EN149:2001+A1:2009**
Package: 20 pcs / box, 240 pcs / ctn



WLM2013-FFP2

[FFP2 Foldable Respirator]

FFP2 NR

PFE: ≥ 94%
Style: without valve
Standard: **EN149:2001+A1:2009**
Package: 20 pcs / box, 2000 pcs / ctn



WLM2013H-FFP2

[FFP2 Folding Respirator with Head-band]

FFP2 NR D

PFE: ≥ 94%
Style: Head-band
Standard: **EN149:2001+A1:2009**
Package: 20 pcs / box, 960 pcs / ctn



WL-2010-FFP2

[FFP2 Respirator]

FFP2 NR

PFE: ≥ 94%
Style: without valve
Standard: **EN149:2001 +A1:2009**
Package: 20 pcs / box, 240 pcs / ctn



WL-2011-FFP2

[FFP2 Valved Respirator]

FFP2 NR D

PFE: ≥ 94%
Style: with valve
Standard: **EN149:2001+A1:2009**
Package: 20 pcs / box, 240 pcs / ctn



WL-2011C-FFP2

[FFP2 Valved Respirator with Acticarbon Layer]

FFP2 NR D

PFE: $\geq 94\%$

Style: with valve, with acticarbon layer

Standard: **EN149:2001+A1:2009**

Package: 20 pcs / box, 240 pcs / ctn



WL-2030-FFP2

[FFP2 Respirator]

FFP2 NR

PFE: $\geq 94\%$

Style: without valve

Standard: **EN149:2001 +A1:2009**

Package: 20 pcs / box, 240 pcs / ctn



WL-2031-FFP2

[FFP2 Valved Respirator]

FFP2 NR D

PFE: $\geq 94\%$

Style: with valve

Standard: **EN149:2001+A1:2009**

Package: 20 pcs / box, 240 pcs / ctn

[FFP3 Valved Respirator]

FFP3 NR D

PFE: $\geq 99\%$

Style: with valve

Standard: **EN149:2001+A1:2009**

Package: 10 pcs / box, 120 pcs / ctn

Style: metal nose clip, adjustable

spandex ear-loop



REF: WL-2012V-FFP3

[FFP3 Valved Respirator with Acticarbon Layer]

FFP3 NR D

PFE: $\geq 99\%$

Style: with valve, with acticarbon layer

Standard: **EN149:2001+A1:2009**

Package: 10 pcs / box, 120 pcs / ctn

Style: metal nose clip, adjustable

spandex ear-loop



REF: WL-2012C-FFP3



WLM2011-KN95

[KN95 Respirators]

Style: with valve
Standard: **GB2626-2019**
Package: 20 pcs / box, 240 pcs / ctn



WLM2013-KN95

[KN95 Foldable Respirator]

Style: without valve
Standard: **GB2626-2019**
Package: 20 pcs / box, 2000 pcs / ctn



WLM2014-KN95

[KN95 Foldable Respirator]

Style: with valve
Standard: **GB2626-2019**
Package: 20 pcs / box, 2000 pcs / ctn



WLM2013K-KN95

[KN95 Kid's Foldable Respirator]

Style: without valve, with adjustable clip
Standard: **GB2626-2019**
Package: 25 pcs / box, 2000 pcs / ctn



WLMKF94

[KF94 Respirator]

Style: without valve
Standard: **GB2626-2019**
Package: 20 pcs / box, 2000 pcs / ctn

[Surgical Mask]

We provide array of medical masks. Anti-fog film, foam and tapes reduce distractions from fogging issues. Transparent and anti-scratching visor keeps eyes clear of blood and splash.

Material: PP+Meltblown+PP, 25+25+25gsm by request
Style: 3-Ply, ear-loop
Size: 17.5*9.5cm
Color: ●●●●●●●●
Package: 50 pcs / box, 2000 pcs / ctn

Standard:
EN 14683 Type I, Type II, Type IIR
ASTM F2100 Level 1, Level 2, Level 3



REF	Features	Style	Color	Size
WLM2002	-	ear-loop	Blue	17.5*9.5cm
WLM2002S	Sponge	ear-loop	Blue	17.5*9.5cm

[Civil Mask]

Material: PP+Meltblown+PP, 20+20+25gsm by request
BFE: 95%, 99%
Style: 3-Ply, ear-loop
Size: 17.5*9.5cm
Color: ●●●●●●●●
Package: 50 pcs / box, 2000 pcs / ctn
Standard: GB 32610, ASTM F-3502-21, T.CTCA7

REF	Color	Size
WLM2001	Blue	17.5*9.5cm
WLM2001B	Black	17.5*9.5cm
WLM2001P	Pink	17.5*9.5cm
WLM2001W	White	17.5*9.5cm



[Activated Acticarbon Mask]

Material: PP+Activated Acticarbon+Filter+PP,
25+40+20+25gsm by request
BFE: ≥95%
Style: Ear-loop
Size: 17.5*9.5cm
Color: ●
Package: 50 pcs / box, 2000 pcs / ctn
Standard: GB 32610, ASTM F-3502-21, T.CTCA7



REF	Style	Color	Size
WLM2001C	Ear Loop	Black	17.5*9.5cm

[Kids' Mask]

Material: PET+Meltblown+PP, 25+25+20gsm by request
Style: 3-Ply, ear-loop
Size: 14.5*9.5cm
Color: ●●●●●
Package: 50 pcs / box, 2000 pcs / ctn
EN 14683 Type I, Type II, Type IIR
ASTM F2100 Level 1, Level 2, Level 3



REF	Color	Size
WLM4002	Blue	14.5*9.5cm
WLM4002BL	Black	14.5*9.5cm
WLM4002P	Pink	14.5*9.5cm
WLM4002W	White	14.5*9.5cm

[Printed Civil Mask]

Material: PET+Meltblown+PP, 30+25+20gsm by request
BFE: 95%, 99%
Style: 3-Ply, ear-loop
Size: 17.5*9.5cm
Color: ●●●●●
Package: 50 pcs / box, 2000 pcs / ctn
Standard: GB 32610, ASTM F-3502-21, T.CTCA7



REF	Style	Color	Size
WLM2006X	Ear Loop	Customized	17.5*9.5cm

[3D Mask]

PFE: ≥95%
Material: PP+Meltblown+pp, 20+20+25 gsm by request
Size: M, L
Feature: Super soft and elastic ear-band. Perfectly fits facial shape
Standard: EN 14683 Type II



REF	Color	Size
WL-3DM	White	M
WL-3DXM	Customized	M
WL-3DK	White	4-12 Ages
WL-3DL	White	L



Material: 10-30 gsm PP, SMS
 Style: Elasticated, w or w/o printed
 Diameter: 19", 21", 24"
 Color: ○●●●●●
 Package: 100 pcs / bag, 1000 pcs / ctn



Material: 10-18gsm PP,SMS
 Style: Single or double elasticated
 Diameter: 19", 21", 24"
 Color: ○●●●●●
 Package: 100 pcs / bag, 1000 pcs/ctn



Material: 80gsm PP+35gsm PP
 Size: Standard
 Color: ○●
 Package: 100 pcs / bag, 1000 pcs/ctn



Material: 80gsm PP+35gsm PP+10gsm PP
 Style: Standard
 Color: ○●
 Package: 100 pcs / bag, 1000 pcs / ctn



Material: 10-20 gsm PP
 Style: Tie-on or elasticated
 Diameter: 19", 21", 24"
 Color: ○●●●●●
 Package: 100 pcs / bag, 1000 pcs/ctn



Material: Nylon hairnet
 Style: Single or double elasticated
 Diameter: 19", 21", 24"
 Color: ○●●●●●
 Package: 100 pcs / bag, 1000 pcs / ctn



Material: 20-50gsm PP,SMS,Microporous
 Size: Standard
 Color: ○●
 Package: 20 pcs / bag, 1000 pcs / ctn



Material: 10-20gsm PP
 Style: Single or double elasticated
 Size: 16", 18"
 Color: ○●
 Package: 100 pcs/bag, 1000 pcs/ctn

【Astronaut Cap】 WLC1008
 Material: PP, SMS, Spunlace, Microporous
 Style: With face mask or w / o
 Size: Standard
 Color: ○●
 Package: 100 pcs / bag, 1000 pcs / ctn



【Nylon Beard Cover】 WLC1014
 Material: Nylon mesh
 Style: Single or double elasticated
 Size: 16", 18"
 Color: ○●
 Package: 100 pcs/bag, 1000 pcs/ctn



[Non-woven Shoe Cover] WLS7001

Material: PP / SMS / Microporous 20-62gsm
 Size: 38x15cm, 40x17cm, 42x18cm
 Color:
 Packing: 100 pcs / bag, 2000pcs / ctn



[Anti-static Shoe Cover] WLS7002

Material: PP / SMS 20-55gsm
 Size: 38x15cm, 40x17cm, 42x18cm
 Color:
 Packing: 100 pcs / bag, 2000pcs / ctn



[Plastic Shoe Cover] WLS7003

Material: PE / CPE, 2g-6g / pc
 Size: 38x15cm, 40x17cm, 42x18cm
 Color:
 Packing: 100 pcs / bag, 2000 pcs / ctn



[PE+CPE Shoe Cover] WLS7004

Material: PP + CPE
 Size: 38x15cm, 40x17cm, 42x18cm
 Color:
 Packing: 50 pcs / bag, 1000 pcs / ctn



[Shoe Cover with PVC Sole] WLS7005

Material: PP / SMS / Microporous / 20-65gsm
 Size: 38x15cm, 40x17cm, 42x18cm
 Color:
 Packing: 20 pcs / bag, 200 pcs / ctn



[Non-woven Boot Cover] WLS7006

Material: SMS / Microporous 45-65gsm
 Size: 48cm±2cm, sole length: 38cm±2cm
 Color:
 Packing: 100 pcs / bag, 500 pcs / ctn



Foot Protection

【Non-woven Boot Cover with Sole】

WLS7007

Material: SMS / Microporous 45-65gsm
 Size: 48cm±2cm, sole length: 38cm±2cm
 Color: ○●
 Packing: 20 pcs / bag, 200 pcs / ctn



【Microporous Boot Cover with Taped Seam】

WLS7008

Material: Microporous 50-65gsm
 Size: 48cm±2cm, sole length: 38cm±2cm
 Color: ○●
 Packing: 20 pcs / bag, 200 pcs / ctn



【PE Coated Boot Cover】

WLS7009

Material: PE Coated, PVC sole
 Size: 48cm±2cm, sole length: 38cm±2cm
 Color: ○●
 Packing: 20 pcs / bag, 200 pcs / ctn



【Non-woven Oversleeves with Elastic Cuffs】

WLP03

Material: PP / SMS / Microporous / 20-55gsm
 size: 20x40cm, 20x44cm, 20x60cm
 Color: ○●●
 Packing: 100 pcs / bag, 1000 pcs / ctn

Below are very basic models from many possible variances, let us know for your better choices.

REF	Duty	Cuff	Color	Size
WLP03PBL	PP	20-55gsm	Blue	20x60cm
WLP03MBL	SMS	20-55gsm	Blue	20x60cm
WLP03ML	SMS	20-55gsm	White	20x60cm
WLP03MPL	Microporous	40-65gsm	White	20x60cm
WLP03TKL	Tyvek	40-65gsm	White	20x60cm

【Non-woven Oversleeves with Knitted Cuff】

WLP04

Material: PP / SMS / Microporous / 20-55gsm
 Size: 20x40cm, 20x44cm, 20x60cm
 Color: ○●●
 Packing: 100 pcs / bag, 1000 pcs / ctn

REF	Duty	Cuff	Color	Size
WLP04PBL	PP	20-55gsm	Blue	20x60cm
WLP04MBL	SMS	20-55gsm	Blue	20x60cm
WLP04ML	SMS	20-55gsm	White	20x60cm
WLP04MPL	Microporous	40-65gsm	White	20x60cm
WLP04TKL	Tyvek	40-65gsm	White	20x60cm

【PE Oversleeves】

WLP06

Material: PE 2-6 g/pc
 Size: 20x40cm, 20x46cm
 Color: ○●●
 Packing: 100 pcs / bag, 2000 pcs/ctn

Arm Protection

