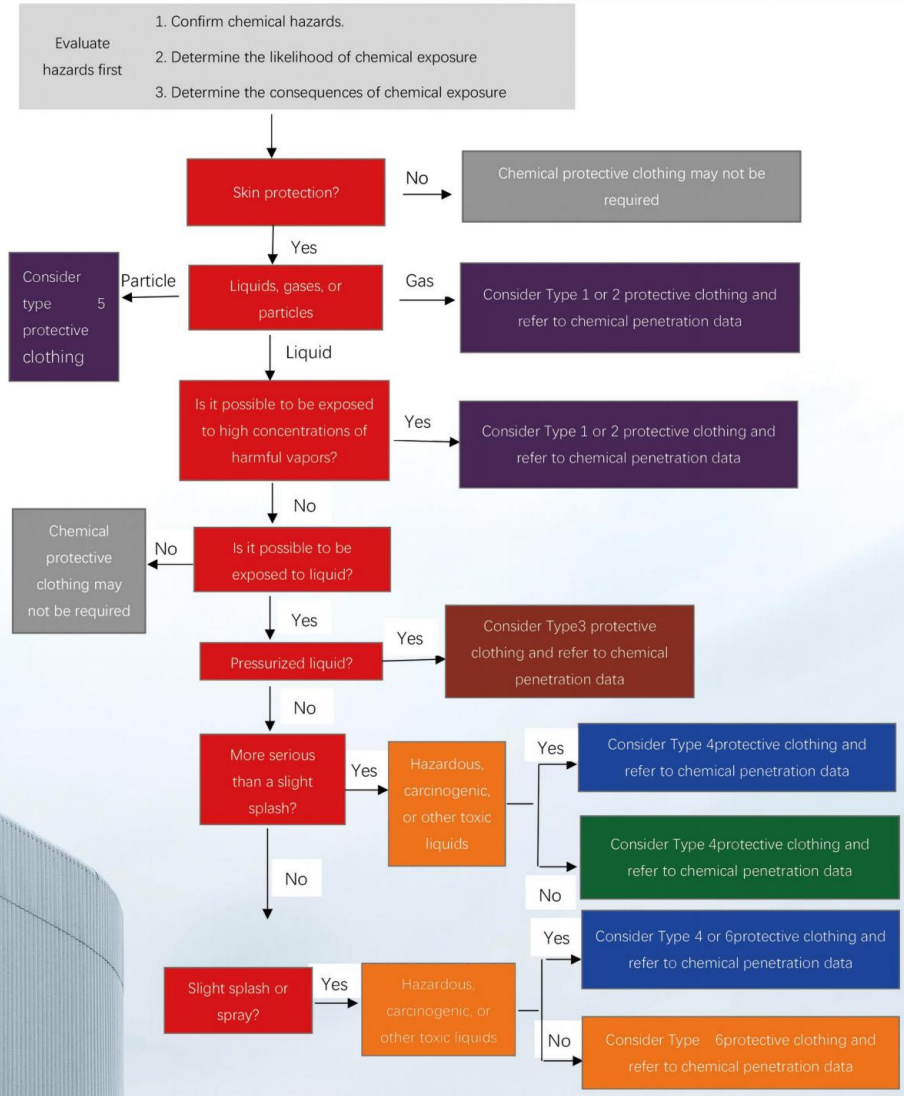
European Standard for Protective Clothing

Protective clothing is designed to protect workers from various hazardous situations. PPE divides them into three categories:

Class Ⅰ : Basic work clothes cannot block any hazard.
Class Ⅱ : The work clothes that do not belong to Class Ⅰ and Class Ⅲ.
Class Ⅲ : Special work clothes that can block hazard that may endanger life.

Sign	Type of protective clothing	Describe
TYPE 1	Type1	Air-tight chemical protective clothing Protection against liquid and gaseous chemicals, suspended and solid particles
TYPE 2	Type2	Non air-tight chemical protective clothing Maintain positive pressure inside the protective clothing to prevent dust, liquid, and vapor from entering
TYPE 3	Type3	Jet liquid-tight chemical protective clothing Prevent strong and direct injection of liquid chemicals
TYPE 4	Type4	Splash liquid-tight chemical protective clothing Prevent spraying of saturated liquid chemicals
TYPE 5	Type5	Dry particle chemical protective clothing Prevent the whole body from solid particles in the air
TYPE 6	Type6	Slight splash chemical protective clothing Effectively prevent slight splashing of liquid chemicals
Sign	**Other relevant standards**	**Describe**
	EN 1149-5 Anti-static	The Max surface resistivity of the anti-static is 2.5X10^{9}Ω
	EN 1073-2 Anti radiation particles	Block particles of radioactive particles
	EN 14126 Anti biological hazard	Resist biologically dangerous infectious agents
	ENISO 14116 Prevent the spread of limited fire sources	Block limited flame spread

Selection Guide

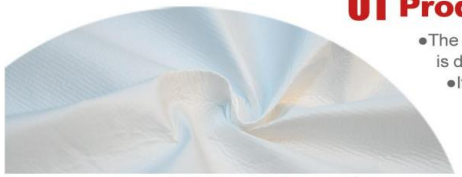


Important reminder

This is just a simple selection guide! The suitability of protective clothing for a specific purpose should be determined by professionally trained health and safety experts. It is the user's responsibility to determine the hazard type, assess the exposure risk, verify the relevant information of the protective equipment provided by the manufacturer, and make the final decision on whether the personal protective equipment is suitable for the user's specific working environment.



01 Product feature







- The outer layer is microporous breathable film, the inner layer is double non-woven fabric.
- It can provide extraordinary permeation protection of dust, liquid, blood and blood pathogen.
- High breathable and comfortable wearing, blocking solid particle aerosol and liquid spatter.
- No flocks reduces fiber pollution. Anti-static property is suitable for painting.
- Three-piece hood, butterfly sleeves, cuff thumb rings, elastic waist, triangle crotch design.

02 Product application

- Epidemic prevention
- Husbandry breeding,
- Painting work,
- Biopharmaceutical,
- Radioactive particles protection in the nuclear industry
- Ordinary maintenance and cleaning work,
- Other general industrial operation.

Breathability	★★★☆☆
Liquid Proof	★★★☆☆
Anti Particulate	★★★☆☆

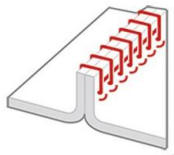




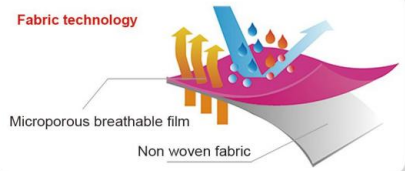
Physical Performance (EN 14325)		
Test	Test method	Result
Abrasion resistance	EN ISO 12947-2:2016	Class 1
Puncture resistance	EN 863:1995	Class 1
Flex cracking resistance	EN ISO7854:1997, Method B	Class 6
Flex cracking resistance at -30°C	EN ISO7854:1997, Method B	Class 6
Tensile strength	EN ISO 13934-1:2013	Class 1
Tear resistance (trapezoidal)	EN ISO 9073-4:1997	Class 2
Seam strength	EN ISO 13935-2:2014	Class 3
Physical Performance (EN 1073-2)		
Test	Test method	Result
1. Abrasion resistance	EN 530, Method 2	Class 1
2. Puncture resistance	EN 863:1995	No classification
3. Resistance to blocking	EN 25978	Class 2
4. Tear resistance	EN ISO 9073-4:1997	Class 3
5. Seam strength	EN ISO 13935-2:2014	Class 3
Repellency By Chemical Results (Type 6)		
Chemical	Test method	Result
30% Sulphuric Acid	EN ISO 6530:2005	Class 3
10% Sodium Hydroxide	EN ISO 6530:2005	Class 3
o-Xylene	EN ISO 6530:2005	Class 3
Butan-1-ol	EN ISO 6530:2005	Class 3
Resistance To Penetration Of Chemical Results (Type 6)		
Chemical	Test method	Result
30% Sulphuric Acid	EN ISO 6530:2005	Class 3
10% Sodium Hydroxide	EN ISO 6530:2005	Class 3
o-Xylene	EN ISO 6530:2005	Class 3
Butan-1-ol	EN ISO 6530:2005	Class 3
Classification of resistance to penetration by liquids: Class 1 <10%; Class 2 <5%; Class 3<1%		
Classification is according to EN 14325:2018		
Resistance To Penetration Of Infective Agents		
Test	Test method	Result
Resistance to Penetration by Blood-Borne Pathogens-Test method using Phi-X174 Bacteriophage	EN 14126:2003/AC:2004 ISO 16604:2004) procedure D	Class 6
Resistance to Wet Microbial Penetration	EN 14126:2003/AC:2004 ISO 22610:2006)	Class 6
Resistance to Liquid Aerosol Penetration	EN 14126:2003/AC:2004 ISO/DIS 22611:2003)	Class 3
Resistance to Dry Microbial Penetration	EN 14126:2003/AC:2004 ISO 22612:2005)	Class 3
Electrostatic properties (EN 1149-5: 2018)		
Test	Test method	Result
Surface resistance	EN 1149-1:2006	Pass
EN 1149-5: 2018: Max.2.5×10⁹Ω on at least one surface		

Seam structure

- Reinforced four-line stitching
- Stitch length: 3-4 stitch per CM
- Elegant and Sturdy
- Hard to crack



Fabric technology



Model	Colour	Size	Packing
K2000	White	S-XXXL	50PCS/Carton