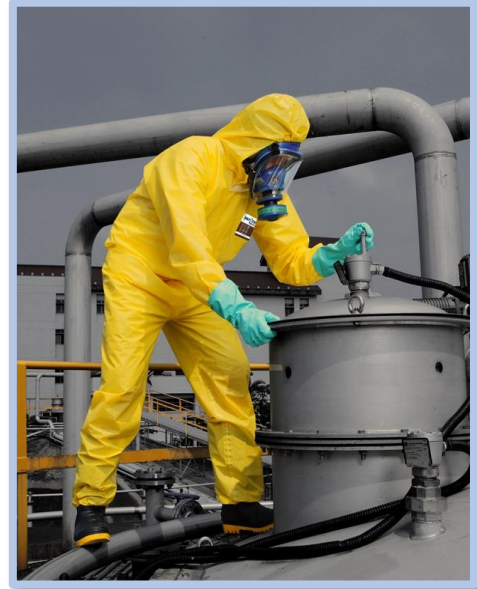


- **Great resistance against chemicals, liquids, infective agents and oil**
Chemical/water proof fabric & tape providing strong protection for directional liquid jet.

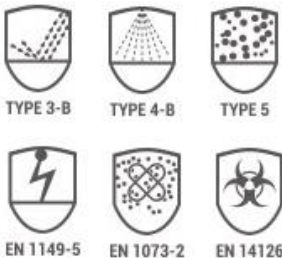
Resistance against many chemicals. (test result can be checked by following chemical permeation list.)

- **Lightweight & durable**
Feeling more comfort and flexible for wearing experience.

- **Application**
Chemical handling, decontamination, disease & disaster management, oil handling/tank cleaning, petrochemical, biological hazards.



CE Certification



- Type 3 against chemical & liquid jet garment.
- Type 4 against liquid spray garment.
- Type 5 against dry particle garment.
- EN1149-5 antistatic property.
- EN1073-2 against radioactive particulate contamination.
- EN ISO 14126 against biological hazardous contamination.

Performance of ULTITEC 4000

WHOLE SUIT TEST PERFORMANCE				RESULT
Type 3	EN14605+A1:2009			Pass
Type 4	EN14605+A1:2009			Pass
Type 5	EN ISO 13982-2:2004			Pass
Protective clothing against radioactive contamination	EN1073-2: 2002			Class 1
Antistaticity	EN1149 - 5			Pass
Protective clothing against infective agents	EN 14126			Pass
ISO 16603	ISO 16604	ISO22611	ISO 22612	ISO 22610
Class 6	Class 6	Class 3	Class 3	Class 6

Performance of ULTITEC 4000

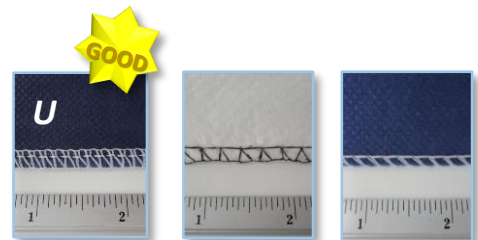
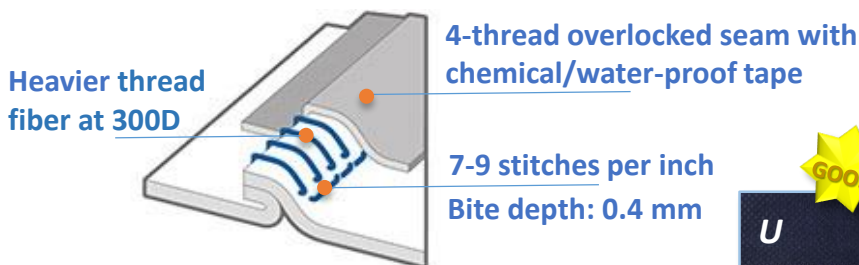
FABRIC CHEMICAL PROPERTIES	PENETRATION	REPELLENCY
Resistance to chemical penetration EN 6530		
Sulphuric acid 30%	3	3
Sodium Hydroxide 10%	3	3
o-Xylene	3	2
Butan-1-ol	3	2

CHEMICAL PERMEATION RESISTANCE	BREAKTHROUGH TIME	CLASS
Test Method: EN 374-3		
Acetic Acid	14 mins	1
Acetone	imm.	--
Acetonitrile	imm.	--
Carbon disulfide	imm.	--
Chromic Acid 80%	>480 mins	6
Dichloromethane	imm.	--
Diethylamine	imm.	--
Dimethyl Formamide	>480 mins	6
Ethyl Acetate	imm.	--
Formaldehyde 10%	>480 mins	6
Hydrochloric Acid 37%	15 mins	1
Methanol	>480 mins	6
n-haxane	imm.	--
Nitric Acid 65%	273 mins	5
Perchloric Acid	>480 mins	6
Potassium Chromate	>480 mins	6
Sodium Hydroxide 40%	>480 mins	6
Sulphuric Acid 98%	>480 mins	6
Tetrahydrofuran	imm.	--
Toluene	imm.	--

Performance of ULTITEC 4000

FABRIC PHYSICAL PROPERTIES	TEST METHOD	CLASS
Classifications in accordance with EN 14325:2004		
Abrasion Resistance	EN 530	2
Flex Cracking Resistance	ISO 7854 B	1
Trapezoidal Tear Resist.	ISO 9073-4	3
Tensile Strength	ISO 13934-1	2
Resistance to Ignition	EN13274-4	Pass
Puncture resistance	EN 863	1
Seam Strength	ISO 13935-2	3
pH values	EN ISO 3071	Pass
AZO Dyes	EN 14362-1	Pass

Seam Technology



Competitor 1:
Only 4-5 stitches per inch.

Competitor 2:
Only 3 thread seam with narrow bite depth.

Sealed Protection Design

Fit on body ergonomically

3-piece hood and zipper fasten the edge of chin, The elastic perfectly embracing face curve and head shape can reduce the risk of exposure and seal fit the respirator and goggles.

Wide space of waist with elasticated wrists and ankles which are suitable for wearing outside of work clothing. It's making work more convenient and avoiding particulates getting into clothing.

Sealed fit & safety

From the shoulder, sleeve to legs, the outline of body shape is no sewing which is to reduce the risk of contamination invasion.

Extra chinstrap covering non-symmetrical brim elastic to be more effectively fitting the face shape.

Latex Free! The non-latex rubbers are fabric covered sewing, not in direct contact with the skin to reduce allergy attacks.

