



**Size available:** M-2XL

**Material:** Polypropylene with Polypropylene Film, 95GSM

**Description:** Type 3B Chemical Disposable Coverall, One Piece, with 3 Pieces Hood, Zip Front Opening Covered by Double Storm Flap Self-Adhesive, Elasticated band on Wrist, Ankles, Waist, and the Hood, Elasticated Finger Loop, Reinforced Knee Strap, Heat Sealed Tape Seams.

Chemical protective clothing Type 3B, 4B, 5B, 6B

**Color:** Yellow

**Packaging** 25 PC/Box

**Protective Clothing Category III**



Full-body protection "types" defined by the current European standards for Chemical Protective Clothing

Particle-tight clothing (Type 5B)

SIZE	CHEST (CM)	HEIGHT (CM)
M	92-100	170-176
L	100-108	176-182
XL	108-116	182-188
2XL	116-124	188-194

**EN 1149-5:2008**

**Type 3-B:** EN 14605:2005+A1:2009

**Type 4-B:** EN 14605:2005+A1:2009

**Type 5-B:** EN ISO 13982-1:2004+A1:2010

**Type 6-B:** EN13034:2005+A1:2009

EN ISO 13982-1 :2004+A1:2010    EN 14126:2003 /AC:2004    EN 1073-2:2002

CODE: CHDCOV95Y  
LOT Nr.: XXXXX    **Class 1**    **M**

**DO NOT RE-USE**  
READ INSTRUCTIONS BEFORE USE

- ← Electrostatic Properties
- ← Chemical Splash-proof clothing (Type 6B)
- ← Chemical Risk Pictograms
- ← Radioactive Particle - tight clothing Protection against infective agents
- ← CODE & LOT & SIZE
- ← Wash & Care Symbols
- ← Please read instructions before use.

## PERFORMANCE - LEVELS AND CLASSES

Test on Fabric	Result	Class
<b>EN 14605 + EN 13034 + EN 13982-1 + EN 1073-2</b>		
Resistance to penetration (EN 13034 – EN ISO 6530)	H <sub>2</sub> SO <sub>4</sub> 30% < 1%	<b>Class 3</b>
	NaOH 10% < 1%	<b>Class 3</b>
	O-xylene < 1%	<b>Class 3</b>
	Butan-1-ol < 1%	<b>Class 3</b>
Repellency to Liquid (EN 13034 – EN ISO 6530)	H <sub>2</sub> SO <sub>4</sub> 30% > 95%	<b>Class 3</b>
	NaOH 10% > 95%	<b>Class 3</b>
	O-xylene - 90%-95%	<b>Class 3</b>
	Butan-1-ol - 90%-95%	<b>Class 3</b>
Abrasion Resistance (EN 530 meth2)	10-100 Cycles	<b>Class 6</b>
Trapezoidal tear resistance (EN ISO 9073-4)	20 – 40N	<b>Class 2</b>
Tensile strength (EN ISO 13934-1)	30 – 60N	<b>Class 2</b>
Puncture resistance (EN 863 – EN 1073-2)	10 – 50N	<b>Class 2</b>
Flex cracking resistance (EN ISO 7854 method B)	No damage after 100.000 cycles	<b>Class 6</b>
Blocking Resistance (EN 25978 - EN 1073-2)	No adherence	<b>Pass</b>
Ignition and Flammability (EN13274- 4 – EN1073-2)	Hole Formation	<b>Pass</b>
Surface Resistance (EN 1149-1)	≤ 2.5 x 10 <sup>9</sup> Ω	<b>Pass</b>
Bursting Strength (EN 13938-1)	320-640 kPa	<b>Class 4</b>

Test on Fabric	Result	Class
Resistance to penetration by blood- borne pathogens – phi-x174 bacteriophage test – ISO 16603/16604)	20 kPa	<b>Class 6</b>
Resistance to penetration by infective agents due to mechanical contact with substances containing contaminated liquids – ISO 22610 (test microorganism: Staphylococcus Aureus)	t > 75	<b>Class 6</b>
Resistance to penetration by contaminated liquid aerosols – ISO DIS 22611 (test microorganism: Staphylococcus Aureus)	Log > 5	<b>Class 3</b>
Resistance to penetration by contaminated solid particles EN ISO 22612 (Test Microorganism: Spores of Bacillus Subtilis)	1 < log ufc ≤ 2	<b>Class 3</b>
pH (EN ISO 13688 – ISO 3071)	3.5 > pH > 9.5	<b>Pass</b>
Amines (EN 340 - ISO 3071)		<b>Pass</b>

Test on Whole Suit	Result	Class
<b>EN 14126</b>		
Resistance to liquid penetration Jet/Spray test Type 3/4 (EN ISO 17491-3/4 met. B - EN14605)		<b>Pass</b>
Resistance to aerosol penetration inward leakage type 5 (EN ISO 13982-2 – EN ISO 13982)	Ljmn 82/90 ≤ 30% Ls 8/10 ≤ 15%	<b>Pass</b>
Nominal Protection Factor (EN ISO 13982-2 – EN 1073-2)	TILE% TILA% Fpn 15	<b>Class 1</b>
Practical Performance Test (EN1073-2)		<b>Pass</b>
Seams Strength ( EN ISO 13935-2)	125-500N	<b>Class 4</b>
Seams: permeation by liquids (EN ISO 6529-EN 14605) - H <sub>2</sub> SO <sub>4</sub> 96%	> 480 min	<b>Class 6</b>

The manufacturer cannot be held responsible for any damage caused by improper use of this PPE or any use that disagrees with the following instructions.

**DESCRIPTION OF MODELS:** Chemical protective clothing Type 3B, 4B, 5B, 6B

**MODEL CHDCOV95Y:** Type 3B Chemical Disposable Coverall, One Piece, with 3 Pieces Hood, Zip Front Opening Covered by Double Storm Flap Self-Adhesive, Elasticated band on Wrist, Ankles, Waist, and the Hood, Elasticated Finger Loop, Reinforced Knee Strap, Heat Sealed Tape Seams. Yellow Color. Constructed from 95gsm Polypropylene with Polyethylene film.

**USE:** Designed to protect workers from hazardous substances, or sensitive products and processes from contamination by people. Typically used, depending on toxicity and exposure conditions, for protection against inorganic liquids (the exposure pressure is not higher than the one used in the Type 3 test-method. A full mask with filter appropriate for the exposure conditions tightly connected to the hood is required to achieve Type-3 tightness). Under the exposure conditions as defined in EN 14126:2003 and mentioned in the table on page 2, the obtained results let conclude that the material presents high barrier against many bacteria and viruses.

### SUITABLE FOR:

- Protection against liquid chemical, light spray (Type 6B – EN13034:2005+A12009)
- Protection against airborne solid particulates (Type 5B – EN ISO13982- 1:2004+A1:2010)
- Clothing with Liquid-tight (Type 3) or Spray-tight (Type 4) connections (Type 3B & 4B - EN 14605:2005 +A1:2009)
- Particulate radioactive contamination (No Rays – EN1073-2:2002)
- Infective agents (Type 5B-6B – EN14126:2003+AC:2004)
- Electrostatic Charges (EN11495-5:2008)
- General Requirements (EN ISO 13688:2013)

### ANTISTATIC PROPERTIES:

- The product is made following EN1149-5 to dissipate electro-static energy.
- The person wearing the electrostatic dissipative protective clothing shall be properly earthed. The resistance between the person and the earth shall be less than 108 Ω e.g., by wearing adequate footwear.
- Electrostatic dissipative protective clothing shall not be opened or removed whilst in presence of flammable or explosive atmospheres or while handling flammable or explosive substances;
- Electrostatic dissipative protective clothing shall not be used in oxygen enriched atmospheres without prior approval of the responsible safety engineer.
- The electrostatic dissipative performance of the electrostatic dissipative protective clothing can be affected by wear and tear, laundering and possible contamination.
- Electrostatic dissipative protective clothing shall permanently cover all non-complying materials during normal use (including bending and movements)

**HOW TO WEAR:** Open the zip, insert legs and dress taking care not to break the material. Close the zip and pull the adhesive backing strip off. Carefully cover the zip with the adhesive flap ensuring it is fully sealed without any creases or folds. NB: the protection characteristics quoted are valid only for new items and if the item is correctly worn. Ultimate Industrial cannot be held responsible for any injury or damage whatsoever caused by improper use of this garment.

**WARNINGS:** Make sure that the size corresponds with the user. Do not make any modifications on product.

- Check that the product has no defects and is in good condition (no holes, unsown parts, etc.) before and during use.
- This disposable item should be replaced after every use.
- Abandon the place of work immediately if there is any damage to this product.

- Do not remove garment until clear of risk area.
- These garments are flammable - **Keep away from fire.**
- Prolonged wearing of chemical protective suits may cause heat stress. Heat stress and discomfort can be reduced or eliminated by using appropriate undergarments or suitable ventilation equipment.
- This coverall meets the requirements Ljmn 82/90  $\leq 30\%$  and Ls8 / 10  $\leq 15\%$  - The method provides a measure of the inward leakage into protective clothing by dry aerosol particles (generated from Sodium Chloride solution) having a mass-median aerodynamic diameter of 0,6  $\mu\text{m}$ .

Protect uncovered body parts (hands, respiratory areas) with protective gloves, respirator and boots taped to the coverall. Ensure that additional PPE offers the same (or higher levels) of protection as the coverall. Choose products compatible with area of work.

**MAINTENANCE AND CLEANING:**

Disposable item-Not suitable for re-use. Do not wash or dry clean.

				
DO NOT WASH	DO NOT IRON	DO NOT TUMBLE DRY	DO NOT DRY CLEAN	FLAMMABLE

**STORAGE AND DISPOSAL:** The item should be stored in a cool, dry place away from sources of light and heat. If **not contaminated** the product can be treated as normal waste. If contaminated it should be treated as **hazardous material** and disposed of accordingly, complying with local or country laws.

**EXPIRATION:** It is suggested that the product be used within a period of five years from the date of production written on label.