

ULTITEC 4000

Style No. DD650T

Chemical protective clothing of Category III

This garment complies with the requirements of referenced standard

Marking:

Each coverall is identified by an inside and an outside label. The inner label indicates the protective class as defined in the Regulation. It also gives other relevant information of use to the end user. The outer label identifies the type of garment.

- 1 Fabric type or Brand
- 2 Style number or Model identification
- 3 Coveralls comply with the requirements for Category III personal protective equipment according to Regulation 2016/425 on personal protective equipment. Type examination (Module B) and conformity to quality assurance certificates (Module D) were issued by SGS United Kingdom Limited, Rossmore Business Park, Ellesmere Port, Cheshire CH65 3EN, Notified Body number 0120
- 4 Type 3 Liquid Tight Clothing EN 14605:2005 + A1:2009
 Type 4 Splash Tight Clothing EN 14605:2005 + A1:2009
 Type 5 Particle Tight Clothing EN ISO 13982-1:2004 + A1:2010
 Type 6 Limited Splash Tight Clothing EN 13034:2005 + A1:2009
- 5 This pictogramme shows that the suit is for protection against chemicals
- 6a ULTITEC 4000 coveralls are antistatically treated and comply to the electrostatic protection required by EN1149-5:2018 on inner face only, and must be used with compatible accessories and work practices to be effective (see note below)
- 6b This pictogramme and triangle indicate radioactive protection to EN 1073-2:2002 excluding resistance to blocking
- 6c The letter 'B' after Type number indicates that fabric used in this coverall has been tested and passed to EN14126:2003 protection against infective agents
- 6d This pictogramme shows the protective suits pass EN ISO 27065:2017+A1:2019 against pesticides
- 7 Size Information:

size	S	M	L	XL	2XL	3XL	4XL
chest (cms)	84 - 92	92 - 100	100 - 108	108 - 116	116 - 124	124 - 132	132 - 140
height (cms)	162 - 170	170 - 176	176 - 182	182 - 188	188 - 194	194 - 200	200 - 206
- 8 Weater should read these instructions
- 9 Care Pictogrammes: Do not wash, Do not machine dry, Do not iron, Do not dry clean
- 10 Do not reuse
- 11 Date of manufacture
- 12 Additional Warning: Flammable material. Keep away from fire

Compliance and Responsibility:

In order to fully meet the performance claims for Types 3/4/5 and EN 1073-2 garments, all opening such as wrists, ankles, face to mask, and including the zipper flap should be securely taped. The user shall be sole judge of the suitability for the type of protection required, and the correct combinations of coveralls accessories and ancillary equipment. To obtain full protection all apertures should be securely closed, but the user shall determine, and allow for the effect of heat when in use. Heat stress and discomfort can be reduced or eliminated by the use of appropriate undergarments or ventilation equipment. The manufacturer is not responsible for accidents caused by improper behavior or inappropriate selection of protective clothing or ancillary equipment.

Limitations:

Exposure to certain chemicals or high concentrations or pressures, may require higher barrier properties of the fabric, or in the construction of the suit. Such conditions can be protected by garments made to the standards of Types 1 to 2 or possibly by a more protective material.

Garment Removal:

Care should be taken with the removal of any garment which may have been contaminated. The use of an assistant wearing PPE should be used to peel back the garment from the wearer, taking care that no contaminant comes into contact with either the assistant or the wearer.

Areas of Use:

These coveralls are designed for protection against hazardous substances and contamination of both product and personnel. They are typically used, dependent upon the severity of the toxicity and the conditions, for protection against airborne particles and limited splash and spray. The performance requirements applicable to this chemical protective clothing garment are covered by the standards listed above where there is a need for resistance to penetration by airborne solid particles including radioactive materials and infective agents. In addition it is intended for use in cases of potential exposure to spray liquid aerosols or pressure splashes with complete permeation barrier.

Electrostatic Warnings:

Both the electrostatic dissipative clothing and the person wearing it shall be properly earthed. The resistance between the person and the earth shall be <math><10^8</math> ohms e.g. by wearing adequate footwear on dissipative or conductive floors.

Electrostatic dissipative clothing shall not be opened or removed whilst in the presence of flammable or explosive atmospheres or while handling flammable or explosive substances.

Electrostatic dissipative clothing is intended to be worn in Zones 1, 2, 20, 21 & 22. (see EN 60079-10-1[7] and EN 60079-10-2[8]) in which the minimum ignition energy of any explosive of atmosphere is not less than 0.016mJ. Electrostatic dissipative clothing shall not be used in oxygen enriched atmospheres or in zone 0 without the prior approval of the responsible safety engineer (see EN 60079-10-1[7]).

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 noncomplying materials during normal use. Including the zipper flap must be permanently and appropriately sealed. (including bending and movements).

Storage and Disposal:

The garments should be stored in accordance with normal storage practice, preferably in the dark with no UV light exposure and disposed harmlessly to the environment. The inert polymers used ensure a long shelf life but it is recommended that items should be replaced after 5 years as the antistatic properties may reduce with age. Restrictions on the disposal depend solely on the contamination during use. If in doubt please contact your supplier. The manufacturer cannot accept responsibility for any improper use or disposal of garments produced by them.

PERFORMANCE CHART OF ULTITEC 4000

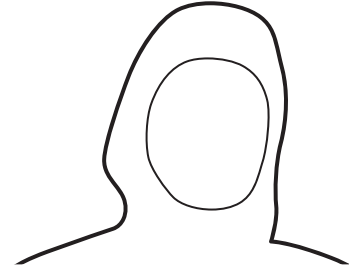
FABRIC PHYSICAL PROPERTIES BASED IN CLASSIFICATION IN EN 14325:2004	TEST METHOD	RESULT	CLASS
Abrasion Resistance	EN 530	>2,000 cycles*	Class 6
Flex Cracking Resistance	EN ISO 7854-B	>2,500 cycles*	Class 2
Trapezoidal Tear Resist.	MD CD EN ISO 9073-4	>40N >60N	Class 3
Tensile Strength	MD CD EN ISO 13934-1	>60N >100N	Class 2
Puncture Resistance	EN 863	>10N	Class 2
Seam Strength	EN ISO 13935-2	>125N	Class 4
Antistaticity	EN 1149-5	Pass	
pH Value	EN ISO 3071	Pass	
AZO Colourants	EN 14362-1	Pass	
Colour Fastness to Perspiration	EN ISO 105-E04	Pass	
Resistance to Ignition	EN 13274-4	Pass	
Note * denotes visual endpoint			
RESISTANCE TO REPELLENCY AND PENETRATION BASED IN CLASSIFICATION IN EN 14325:2004	TEST METHOD	PENETRATION	REPELLENCY
Sulphuric Acid 30%	EN ISO 6530	Class 3	Class 3
Sodium Hydroxide 10%	EN ISO 6530	Class 3	Class 3
o-Xylene	EN ISO 6530	Class 3	Class 3
Butan-1-ol	EN ISO 6530	Class 3	Class 3
DETERMINATION OF RESISTANCE TO PERMEATION** BASED IN CLASSIFICATION IN EN 14325:2004	TEST METHOD	FABRIC	TAPED SEAM
Sulphuric Acid 98%	EN ISO 6529	Class 6	Class 6
Formaldehyde 10%	EN ISO 6529	Class 6	Class 6
Note**: Please contact local distributor for full list of tested chemicals and the results			
FABRIC PERFORMANCE AGAINST INFECTIVE AGENTS IN EN 14126:2003			
ISO 16603:2004 Class 6	ISO 16604:2004 Class 6	ISO/DIS 22611:2003 Class 3	ISO 22612:2005 Class 3
			ISO 22610:2006 Class 6

WHOLE SUIT TEST PERFORMANCE

Type 3 EN 14605:2005 Jet Test	Pass
Test method: EN ISO 17491-3:2008	
Type 4 EN 14605:2005 Spray Test	Pass
Test method: EN ISO 17491-4:2008 Method:B	
Type 5 EN ISO 13982-1:2004 Inward Leakage Test	Pass
Test method: EN ISO 13982-2:2004 pass = $L_{min,82/90} \leq 30\%$ and $L_{s,8/10} \leq 15\%$	
Protective clothing against radioactive materials	Class 2
Test method: EN 1073-2:2002 excluding resistance to blocking (not tested)	
Type 6 EN 13034:2005 Low Level Spray Test	Pass
Test method: EN ISO 17491-4:2008 Method:A	

A DECLARATION OF CONFORMITY PREPARED AND SIGNED BY THE MANUFACTURER CAN BE ACCESSED ON THE MANUFACTURER'S WEBSITE

ULTITEC 4000



Act without fear!

INSTRUCTIONS FOR USE

ULTITEC 4000

DD650T

Manufactured by DEREKDUCK INDUSTRIES CORP.
9F. No. 70-1, Sec. 1, Chengde Rd., Taipei 10351, Taiwan



UK
CA 0120

EN 14605:2005+A1: 2009 TYPE 3
EN 14605:2005+A1: 2009 TYPE 4
EN ISO 13982-1:2004+A1: 2010 TYPE 5
EN 13034:2005+A1: 2009 TYPE 6



EN 1149-5:2018



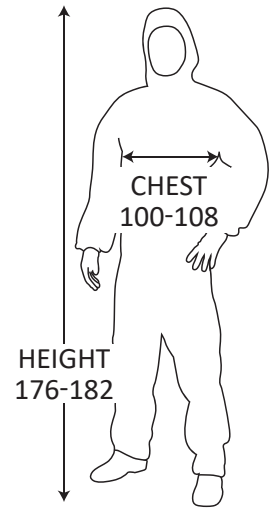
EN 1073-2:2002
TIL CLASS 2



EN 14126:2003
Type 3-B/4-B/5-B/6-B



EN ISO 27065:2017
+A1:2019



DoM: YYYY/MM
Made in China

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DEREKDUCK INDUSTRIES CORP.

9F. No. 70-1, Sec. 1, Chengde Rd., Taipei 10351, Taiwan

+886-2-2550-8856

+886-2-2550-2236

derekduck@derekduck.com



DEREKDUCK
WWW.DEREKDUCK.COM



ultitec-protection.com