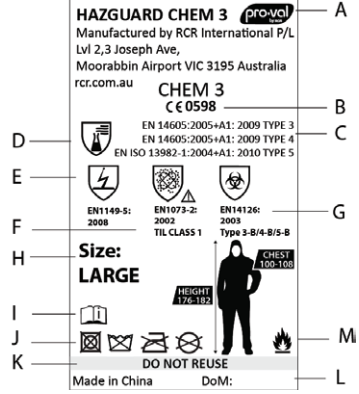


<p>1. Device Name</p>	<p>HAZGUARD CHEM T3 COVERALLS</p>																
<p>2. Description</p>	<p>Non Woven Polypropylene Spunbond Coveralls, High Performance External Barrier, Stitched Seams, Taped over Seams for ultimate protection.</p>																
<p>3. Product Codes & Sizes</p>	<table border="1"> <thead> <tr> <th>Product Code</th> <th>Size</th> <th>Packaging</th> <th>Shipper Barcode</th> </tr> </thead> <tbody> <tr> <td>52545</td> <td>LARGE</td> <td>Individual Polybag</td> <td>19311059515451</td> </tr> <tr> <td>52546</td> <td>XL</td> <td>Individual Polybag</td> <td>19311059515468</td> </tr> <tr> <td>52547</td> <td>XXL</td> <td>Individual Polybag</td> <td>19311059515475</td> </tr> </tbody> </table>	Product Code	Size	Packaging	Shipper Barcode	52545	LARGE	Individual Polybag	19311059515451	52546	XL	Individual Polybag	19311059515468	52547	XXL	Individual Polybag	19311059515475
Product Code	Size	Packaging	Shipper Barcode														
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52546	XL	Individual Polybag	19311059515468														
52547	XXL	Individual Polybag	19311059515475														
<p>4. Recommended Applications</p>	<ul style="list-style-type: none"> Chemical Processing Chemical Cleanup Decontamination Disaster Management Oil Refinery Oil Tank Cleaning Petrochemical Petroleum Industry Chemical Spraying Sewage Purification Industrial Cleaning Biological Hazards 																
<p>5. Materials</p>	<p>Non Woven Polypropylene Spunbond, High Performance External Barrier Film.</p>																
<p>6. Instruction for Use</p>	<p>Please read Instruction for Use sheet which accompanies garment.</p>  <p>Chemical Protective Clothing Category III</p> <p>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.</p> <p>A. Brand</p> <p>B. Coveralls comply with the requirements for Category III personal protective equipment according to European regulation (EU) 2016/425. EU Type examination (Module B) and conformity to quality assurance certificates (Module D) were issued by SGS Fimko Oy, Sarkiniementie 3 Helsinki, 00211 Finland, identified by the EC Notified Body number 0598.</p> <p>C. Type 3 Jet 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</p> <p>D. This pictogramme shows that the suit us for protection against chemicals</p> <p>E. Hazguard CHEM3 coveralls are antistatically treated and comply to the electrostatic protection required by EN1149-5:2008 on inner face only, and must be used with compatible accessories and work practices to be effective. (see note below)</p>																



7. Instruction for Use

Chemical Protective Clothing Category III

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.

F. This pictogramme and triangle indicate radioactive protection to EN 1073-2:2002 excluding clause 4.2 puncture resistance.

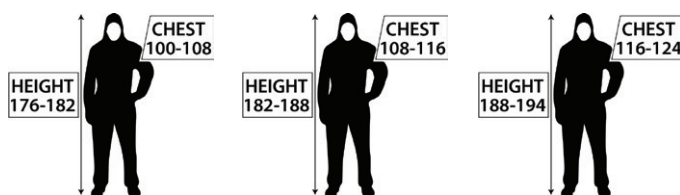


G. The Letter 'B' after Type number indicates that fabric used in this coverall has been tested and passed to EN14126:2003 protection against infective agents. **C.** Type 3 Jet Tight Clothing EN 14605:2005 + A1:2009
Type 4 Splash Tight Clothing EN 14605:2005 + A1:2009
Type 5 Particle Tight Clothing EN ISO 13982-1:2004 + A1:2010



H. Size information. Please choose the appropriate size

SIZE	CHEST (cms)	HEIGHT (cms)
LARGE	100 - 108	176 - 182
XL	108 - 116	182 - 188
XXL	116 - 124	188 - 194



I. Wearer should read these instructions

J. Care Pictogrammes: Do not wash, Do not machine dry, Do not iron, Do not dry clean.

K. Do Not Reuse

L. Date of Manufacture

M. Additional Warning: Flammable Material. Keep away from fire.

8. Areas for 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 where there is a need for resistance to penetration by airborne solid particles including radioactive materials. In addition it is intended for use in cases of potential exposure to light spray liquid aerosols or low pressure volume splashes where a complete permeation barrier is not required.

9. 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 4 or possibly by a more protective material.

Footwear appropriate to the intended use must be worn, especially where boots (or sock) are attached. The integral boot is to be worn inside the appropriate footwear, and the aperture at the top of the footwear taped to the leg of the coverall.

10. Garment Removal

Care should be taken with the removal of any garment which may have been contaminated. The use of an assistant wearing gloves 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.

11. Compliance & Responsibility

In order to fully meet the performance claims for Types 5/6 and EN 1073-2 garments, all opening such as wrists, ankles, neck 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.

12. Electrostatic Warning

The person wearing the electrostatic dissipative clothing shall be properly earthed. The resistance between the person and the earth shall be <108 ohms e.g. by wearing adequate footwear.

When wearing suits with integral boots consideration should be given to the use of grounding cables. 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 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 bending and movements).

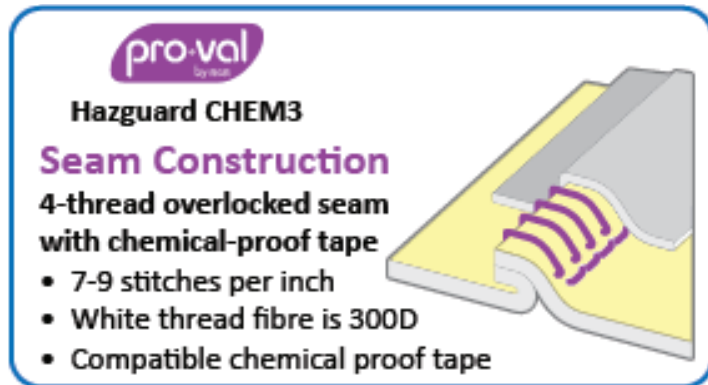
13. Storage and Disposal

The garments should be stored in accordance with normal storage practice, preferably in the dark with no UV light exposure and disposed of without harm 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.

14. Fabric & Seam Construction



15. Performance Chart

The table below shows the performance of this when tested under laboratory conditions. Please note that tests may not reflect the reality of use and do not account for factors such as excessive heat and mechanical wear

Fabric Physical Properties Based on Classification IN EN14325:2004	Test Method	Result	Class
Abrasion Resistance	EN 530	>1,500 cycles*	Class 5
Flex Cracking Resistance	ISO 7854 B	>100,000 cycles*	Class 6
Trapezoidal Tear Resistance MD	ISO 9073-4	>40N	Class 3
Trapezoidal Tear Resistance CD			
Tensile Strength MD	ISO 13934-1	>100N	Class 3
Tensile Strength CD			
Puncture Resistance	EN 863	>10N	Class 2
Seam Strength	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			

The table below shows the performance of this when tested under laboratory conditions. Please note that tests may not reflect the reality of use and do not account for factors such as excessive heat and mechanical wear

Resistance to Repellency and Penetration Based on Classification IN EN 14325:2004	Test Method	Penetration	Repellency
Resistance to Chemical Penetration			
Sulphuric Acid 30%	EN ISO 6530	Class 3	Class 3
Sodium Hydroxide 10%	EN ISO 6530	Class 2	Class 3
o-Xylene	EN ISO 6530	Class 2	Class 3
Butan-1-ol	EN ISO 6530	Class 2	Class 3

Determination of Resistance to Permeation** Based on Classification IN EN 14325:2004	Test Method	Fabric	Tape
Sulphuric Acid 98%	EN ISO 6529	Class 6	Class 6
Formaldehyde 10%	EN ISO 6529	Class 4	Class 3
<i>Note**: Please refer below for full list of tested chemicals and the results</i>			

Fabric Performance Against Infective Agent IN EN 14126:2003	Test Method	Class
Resistance to penetration of body/fluids	ISO 16603:2004	Class 6
Resistance to penetration by blood borne pathogens	ISO 16604:2004	Class 6
Resistance to wet microbial penetration	ISO 22610:2006	Class 6
Resistance to liquid aerosol penetration	ISO/DIS 22611:2003	Class 3
Resistance to microbial penetration	ISO 22612:2005	Class 3

Whole Suit Test Performance	Result
Type 3 EN 14605:2005 Jet Test - Test Method: EN ISO 17491-3:2008	PASS
Type 4 EN 14605:2005 Spray Test - Test Method: EN ISO 17491-4:2008 Method B	PASS
Type 5 EN ISO 13982-1:2004 Inward Leakage Test Test Method defined by EN ISO 13982-2:2004 - Pass = Ljmn.82/90<=30% and LS.8/10<=15%	PASS
Protective Clothing Against Radioactive Materials Test method defined by EN 1073-2:2002 excluding resistance to blocking (not tested)	Class 1

CHEMICAL PERMEATION RESISTANCE: EN374-3

CHEMICAL (Physical State Liquid)	CAS No.	Breakthrough Time	Class
Acetic Acid (>95%)	64-19-7	12 mins	Class 1
Acetone	67-64-1	Immediate	--
Acetonitrile	75-05-08	Immediate	--
Ammonia (30%)	7664-41-1	14 mins	Class 1
Ammonia Hydroxide (28%)	1336-21-6	28 mins	Class 1
Benzene	71-43-2	Immediate	--
Carbon Disulphide	75-15-0	Immediate	--
Chromic Acid (80%)	7738-94-5	>480 mins	Class 6
Dichloromethane	75-09-02	Immediate	--
Diesel Fuel	--	7 mins	--

CHEMICAL PERMEATION RESISTANCE: EN374-3

CHEMICAL (Physical State Liquid)	CAS No.	Breakthrough Time	Class
Diethylamine	109-89-7	Immediate	--
Ethyl Acetate	141-78-6	Immediate	--
Formaldehyde (10%)	50-00-0	135 mins	Class 4
Formic Acid (85%)	64-18-6	>480 mins	Class 6
Hydrochloric Acid (37%)	7647-01-0	15 mins	Class 1
Hydrofluoric Acid (48%)	7664-39-3	>480 mins	Class 6
Hydrogen Peroxide (30%)	7722-84-1	>480 mins	Class 6
Isopropyl Alcohol (70%)	67-63-0	>480 mins	Class 6
Mercury (II) Chloride (salt)	7487-94-7	>480 mins	Class 6
Methanol	67-56-1	Immediate	--
Methyl Ethyl Ketone	78-93-6	Immediate	--
Methylamine (40%)	74-89-5	19 mins	Class 1
Methylhydrazine	60-34-4	2 mins	--
N.N-Dimethyl Formamide	68-12-2	>480 mins	Class 6
n-haxane	110-54-3	Immediate	-
Nitric Acid (65%)	7697-37-2	273 mins	Class 5
Nitrobenzene	98-95-3	Immediate	--
Nitromethane	75-52-5	Immediate	--
Perchloric Acid (70%)	7601-90-3	>480 mins	Class 6
Potassium Chromate (sat,5%)	7789-00-6	>480 mins	Class 6
Potassium Hydroxide (50%)	1310-58-3	>480 mins	Class 6
Sodium Cyanide (10%)	143-33-9	>480 mins	Class 6
Sodium Hydroxide (40%)	1310-73-2	>480 mins	Class 6
Sodium Hypochlorite (10-13%)	7681-52-9	>480 mins	Class 6
Sulphuric Acid (98%)	7664-93-9	>480 mins	Class 6
Tetrachloroethylene	12-18-4	Immediate	--
Tetrahydrofuran	109-99-9	Immediate	--
Toluene	108-88-3	Immediate	--
Unleaded Gasoline	--	Immediate	--

16. Packaging

One piece per polybag, 12 pieces per carton

17. Packaging Specifications For Shipper Carton

SIZE	LENGTH (mm)	WIDTH (mm)	HEIGHT (mm)	GROSS WEIGHT (kg)
LARGE	410	280	380	4.7
XL	410	280	440	5.0
XXL	410	280	440	5.2

Hazguard CHEM3
IMPERVIOUS PE Coveralls

