

# Dromex



## PROMAX DISPOSABLE COVERALL



PROMAX



TYPE 5



TYPE 6



EN 14126



EN 1149-5



EN 14325



### Description

Dromex® Promax™, Type 5 and Type 6 disposable coverall protects the user's torso, arms, legs and head from the hazards of light sprays and splashes of liquid chemicals, fine particulate contact and electrostatic dissipation.

The Promax™ coverall is a revolutionary lightweight, disposable coverall that features a light 100% polypropylene non-woven fabric coated with polyethylene film, which is soft and breathable and provides a high level of moisture management, without reducing protection.

It is resistant to noxious dust and splashes, is non-linting and ideal to use in environments not to be contaminated (e.g clean rooms) or in general maintenance.

Typical areas of use are dependant on the potential risk and exposure of the coverall. The Promax is suitable for industrial use such as asbestos removal, accident attendance, fibre exposure, food and pharmaceutical environments, electronic assembly, painting and spraying applications.

### Special Instructions / Warnings

This product is intended to protect the head, torso, arms and legs from certain chemicals and fine particles and offers a limited barrier to infective agents. This coverall is for single use only - do not launder for re-use. Note that prolonged wearing of this suit may cause heat stress. The nature of works as well as the work environment needs to be taken into consideration prior to use of this protective clothing.

In order to protect the whole body, it is advisable to wear protective gloves, boots and face protection together with this product.

- Please read the users instruction carefully before using.
- It is recommended that prior to use, full training is given on the safe use and limitations by a competent person with details of the training recorded.
- Ensure that a visual inspection has been conducted prior to use.
- Please select and confirm the protective clothing suitable for your size prior to use.
- Do not use if package is damaged, the suit is discoloured, or defective in any way.
- Before using, please ensure that all seams and closures are intact.
- Check that the expiry date has not been reached (see the label).
- Care should be taken when removing contaminated garments, so as not to contaminate the user with any hazardous substances. If garments are contaminated, then decontamination procedures should be followed (e.g. decontamination shower) prior to removal of the garment.
- If contaminated, the worn or damaged garment should be removed and disposed of in accordance with disposal recommendations.
- Do not use when concentrations of contaminants are immediately dangerous to health or life.
- Seams are not a barrier to infective agents.
- Wearing the clothing may cause reduction of the field of vision, acuity of hearing or a risk of heat stress, wearing absorbent undergarments is recommended.
- Failure to follow all instructions and limitations on the use of this product, or failure to achieve proper fit, may result in damage to your health or death or will not provide the expected level of protection.
- Avoid intense heat, direct naked flame, sparks or hot surfaces.
- This coverall is for single use only. Do not launder for re-use.
- This product is not a medical device and does not comply with the EU Medical Device Regulation.
- Do not use this product in an explosive atmosphere.
- Do not use this product out of the scope of use defined in the warnings.
- Failure to properly use this product may result in serious health damage or death

### Compliance & Conformity

- This product complies with the requirements of EU Regulation (EU) 2016/425 for Personal Protective Equipment and meets the requirements of European standard:
  - EN ISO 13688:2013 Protective clothing – General requirements
  - EN ISO 13982-1:2004/A1:2010 Protective clothing for use against solid particulates. Performance requirements for chemical protective clothing providing protection to the full body against airborne solid particulates (type 5 clothing)
  - EN 13034:2005+A1:2009 Protective clothing against liquid chemicals - Performance requirements for chemical protective clothing offering limited protective performance against liquid chemicals (Type 6 and Type PB[6] equipment)
  - EN 14126:2003/AC:2004 Protective clothing - Performance requirements and tests methods for protective clothing against infective agents
  - EN 14325:2018 Protective clothing against chemicals - Test methods and performance classification of chemical protective clothing materials, seams, joins and assemblages
  - EN 1149-5:2018 Protective clothing - Electrostatic properties - Part 5: Material performance and design requirements

### Specifications

- Style: Disposable full body, Type 5 and Type 6 coverall with elasticated wrists, legs and waist, hooded with a concealed HDPE (high density polyethylene) zipper front.
- Material: 100% polypropylene non-woven fabric coated with polyethylene film

PRODUCT WHOLE SUIT TEST PERFORMANCE LEVELS	
Type 5: EN ISO 13982-1:2004/A1:2010 Protective clothing against solid particulates	Pass
Type 5 chemical protective clothing shall meet at least the following requirements: - $L_{jmn,82/90} \leq 30\%$ ; - $L_{jmn,82/90} \leq 15\%$	
Whole suit test methods for type 5 Particle inward leakage EN ISO 13982-2:2004	
Type 6: EN 13034:2005+A1:2009 Protective clothing against light spray/splash proof	Pass

RISK	STANDARD CLAUSE	ASSESSMENT METHOD
Resistance to solid particulates	EN ISO 13982-2:2004	Whole Suit Test
Resistance to liquid chemicals	EN 13034:2005+A1:2009	Whole Suit Test
Resistance to infective agents	EN 14126:2003/ AC:2004 clause 4.1.4	Resistance to penetration by contaminated liquids under hydrostatic pressure
		Resistance to penetration by infective agents due to mechanical contact with substances containing contaminated liquids
		Resistance to penetration by contaminated liquid aerosols
Resistance to electrostatic properties	EN 1149-5:2018	Test methods for measurement of charge decay
Resistance to general requirements	EN ISO 13688:2013	Whole Suit Test

REPELLENCY BY CHEMICAL RESULTS (TYPE 6)		
CHEMICAL	TEST METHOD	RESULT
30% Sulphuric Acid	EN ISO 6530:2005	Class 3
10% Sodium Hydroxide		Class 3
1-Butanol		Class 3
o-xylene		Class 3
Classification of repellency to liquids: Class 1 >80%; Class 2 >90%; Class 3 >95%		
Classification is according to EN 14325:2004		

RESISTANCE TO PENETRATION OF CHEMICAL RESULTS (TYPE 6)		
CHEMICAL	TEST METHOD	RESULT
30% Sulphuric Acid	EN ISO 6530:2005	Class 3
10% Sodium Hydroxide		Class 3
1-Butanol		Class 3
o-xylene		Class 3
Classification of resistance to penetration by liquids: Class 1 <10%; Class 2 <5%; Class 3 <1%		
Classification is according to EN 14325:2004		

PHYSICAL PERFORMANCE (EN 14325)		
TEST	TEST METHOD	RESULT
1. Abrasion resistance	EN ISO 12947-2:2016	Class 3
2. Abrasion resistance	EN 530:2010, Method 2	Class 1
3. Puncture resistance	EN 863:1995	Class 1
4. Flex cracking resistance	EN ISO 7854:1997, Method B	Class 6
5. Tensile strength	EN ISO 13934-1:2013	Class 1
6. Tear resistance (trapezoidal)	EN ISO 9073-4:1997	Class 2
7. Seam strength	EN ISO 13935-2:2014	Class 2

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Latest update: 27/02/2023

ELECTROSTATIC PROPERTIES (EN1149-5:2018)		
TEST	TEST METHOD	RESULT
Surface resistance	EN 1149-1:2006	Pass
EN 1149-5:2018: Max.2.5*10 <sup>9</sup> Ω on at least one surface.		
STANDARD	TITLE	RESULT
EN 1149-3:2004	PROTECTIVE CLOTHING - ELECTROSTATIC PROPERTIES- PART 3:TEST METHODS FOR MEASUREMENT OF CHARGE DECAY	CHARGE DECAY HALF TIME (METHOD 2): T50<4s SHIELD PROTECTION FACTORS (METHOD 2): s=0,0

RESISTANCE TO PENETRATION OF INFECTIVE AGENTS		
TEST	TEST METHOD	RESULT
1. Resistance to Penetration by Blood-Borne Pathogens - Test method using Phi-X174 Bacteriophage	EN 14126:2003/AC:2004 ISO 16604:2004 Procedure C	Class 5
2. Resistance to Wet Microbial Penetration	EN 14126:2003/AC:2004 EN ISO 22610:2006	Class 6
3. Resistance to Liquid Aerosol Penetration	EN 14126:2003/AC:2004 ISO/DIS 22611(2003)	Class 3
4. Resistance to Dry Microbial Penetration	EN 14126:2003/AC:2004 ISO 22612(2005)	Class 3
Testing & Classification is based on EN 14126: 2003/AC:2004		
The testing has been performed on the garment material. Seams have not been tested.		

#### Putting On & Taking Off Method (Donning & fitting)

- Pre-Use check:  
Choose a clean environment to open the packaging and for putting on the suit and avoid contact with the ground to avoid contamination.  
Before use the user must perform a visual inspection to ensure the suit is in good condition. Always check for holes, tears, material breaches and incomplete seams before wearing the coverall to ensure maximum protection.  
Do not use the coverall if the zipper or zipper covers are faulty or if the elastic bands are loose. Do not use incorrectly sized coveralls and refer to size chart to ensure the correct size fit.  
If using a respirator, please don before putting on your coverall.

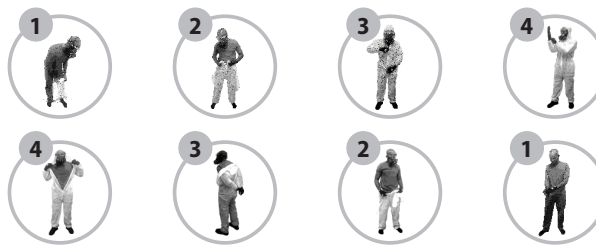
- To Put On:  
**Note:** Remove shoes/boots and any jewellery, head gear and any items that could damage the garment before attempting to put on this coverall.

1. Unzip the coverall and slip legs into the trousers while seated.
2. Stand and pull the coverall over the whole body.
3. Slip arms into the sleeves and pull the elasticated hood over the head.
4. Carefully remove the adhesive tape cover from the zip cover and seal.
5. Remove the adhesive tape cover from the outer cover and secure the outer cover over the zip-cover with the adhesive strips.
6. Remove the adhesive tape cover from the neck cover and seal over the other covers.

- To Take Off the coverall:  
**Note:** To prevent injury, clean the suit first if it is covered in a contaminant.

1. Remove the hood, open the neck cover, followed by the outer-cover and lastly the zip-cover.
2. Unzip the coverall, remove arms from the sleeves, remove from torso, and lastly remove from legs.

**Note:** Remove footwear first to allow for full safe removal of the coverall from the leg area.



#### Packaging, Storage & Obsolescence

Packed in individual polybags and sold as 20 units per carton for shipping. Store in a cool, dry place. The expected shelf life of the coverall is 3 years provided that the suit is kept in its original packaging and stored correctly. The date of manufacture is indicated on the coverall label.



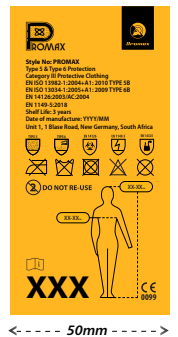
#### Disposal

The coverall can be incinerated or buried in a controlled landfill without harming the environment. Disposal of contaminated garments is regulated by national or local laws.

#### Cleaning & Maintenance

Not required as the suit is disposable and only suitable for once off use.

#### Markings & Size Chart (cm)



SIZE	HEIGHT*CHEST	TOLERANCE
S	166*126	±2cm
M	172*130	±2cm
L	178*134	±2cm
XL	182*138	±2cm
2XL	186*142	±2cm
3XL	190*146	±2cm

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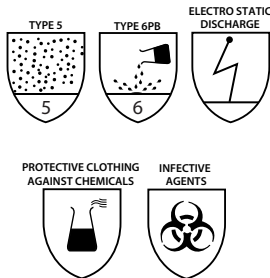

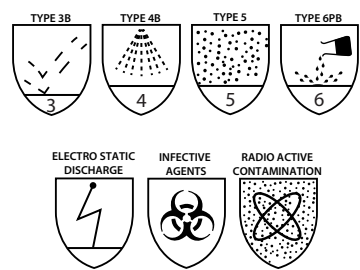
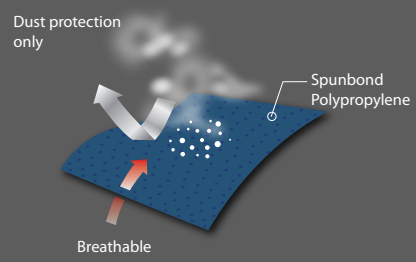
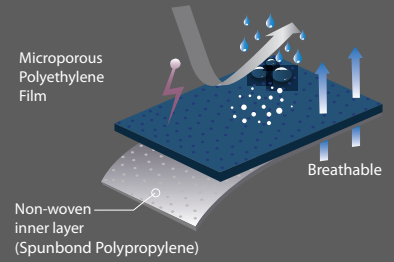
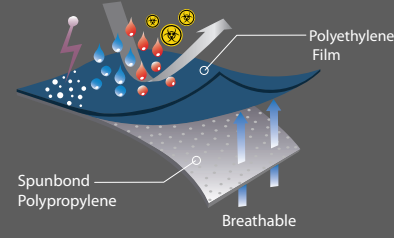
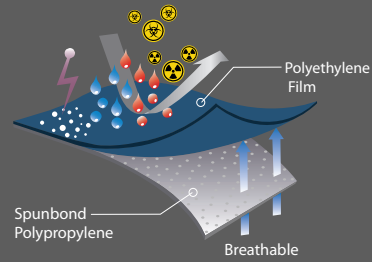
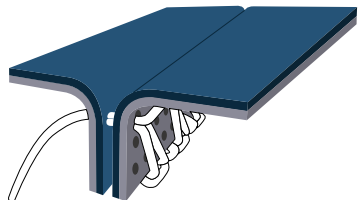
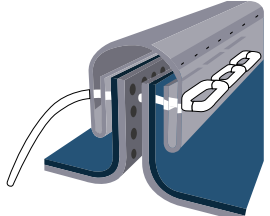
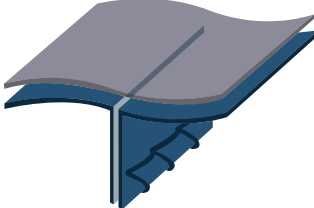
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## DROMEX DISPOSABLE SUITS COMPARISON

FEATURES	MODEL			
	PDISPO	PROMAX	PROMAX 1000	PROMAX C4000
<b>PPE CATEGORY</b> (as per Regulation EU 2016/425)	<b>1</b>	<b>3</b>	<b>3</b>	<b>3</b>
<b>TYPE CLASSIFICATION</b>	N/A		<p>GB 19082-2009, clause 5.4. - Resistance to water penetration.            GB 19082-2009, clause 5.4.3 - Resistant to penetration by synthetic blood.            GB 19082-2009, clause 5.7 - Particle filtration efficiency            GB 19082-2009, clause 5.10 - Electrostatic decay properties.</p> 	
<b>APPROVALS</b>	N/A	YES	YES	YES
<b>MATERIAL</b>	Polypropylene	Microporous spunbond polypropylene and polyethylene laminate	Microporous polyethylene and spunbond polypropylene	Yellow polypropylene and polyethylene foil
<b>MATERIAL CONSTRUCTION</b>				
<b>BREATHABLE</b>	YES	YES	YES	YES
<b>PROTECTS AGAINST</b>	Dust/particles	Light sprays and splashes of liquid chemicals Fine particulate contact Electrostatic dissipation	Fine particulate contact Splashes of blood and liquids (WATERPROOF) Electrostatic dissipation Bacteria hazards	Light sprays and splashes of liquids and chemicals Liquid chemicals Fine particulate contact Electrostatic dissipation Infective agents and biological hazards Radioactive contamination
<b>GSM (FABRIC WEIGHT)</b>	50	65	88	88
<b>SEAM TYPE</b>	Interlocked/Serged 	Bound seams 	Taped seams 	Ultrasonic welded and taped seams 