

CFPR180

DESIGNED  
TO PROTECT



# MaxRepel+

TYPE 4, 5, 6  
DISPOSABLE COVERALL



## Features

- ▲ 65gsm Microporous fabric combines excellent tensile strength with good breathability
- ▲ Conveniently unzips from the neck or waist with the two way zipper
- ▲ Bat wing design facilitates improved comfort and upper body movement
- ▲ Generous crotch design allows for easier squatting and ladder climbing
- ▲ High-Visibility trim for increased visual awareness
- ▲ Thumb loops prevent sleeves riding up when arms are elevated
- ▲ Two layer folded stick down flap protects the zip from liquids and particle ingress
- ▲ 3 piece hood provides additional comfort and head movement over traditional design
- ▲ Bound seams provide strength and high levels of barrier protection

## Standards & Certification

Category III PPE according to Regulation (EU) 2016/425



Manufactured under license with EC Type Examination  
Issued by- Centro Tessile Cottoniero e Abbigliamento  
S.p.A Piazza S. Anna, 2 21052 Busto Arsizio (VA) ITALY  
Notified Body Number - 0624

SPRAY TIGHT PROTECTIVE COVERALLS	PARTICLE TIGHT PROTECTIVE COVERALLS	LIMITED SPRAY TIGHT PROTECTIVE COVERALLS	PROTECTIVE COVERALLS WITH ANTI-STATIC PROPERTIES	PROTECTIVE COVERALLS AGAINST INFECTIOUS AGENTS	NUCLEAR PARTICLE
EN14605:2005 +A1:2009 Type 4B	EN ISO 13982-1:2004 +A1:2010 Type 5B	EN13034:2005 +A1:2009 Type 6B	EN1149-5:2008	EN14126:2003 AC:2004	EN1073-2:2002 Class 1

- ▲ Effective splash barrier from blood, body fluid and other infectious agents
- ▲ Direct virus and bacteria penetration protection
- ▲ Particle tight protection including asbestos, silica, and hazardous particles to 0.6um
- ▲ Liquid spray tight to protect from light sprays of hazardous liquids
- ▲ Anti-static treatment to EN 1149 to reduce charge build up
- ▲ Provides a barrier to radioactive contaminated particles to level 1 under EN 1073:2002

## Specifications

**Part No.** CFPR179  
**Colour** White  
**Material** Microporous

## Sizing & Fit

**Available Sizes**  
S, M, L, XL, 2XL, 3XL, 4XL

## Packaging

1 50

## Performance Profile of MaxRepel+ Fabric

Physical Data	Test Method	Result	Class
Abrasion Resistance	EN530 method 2	>1,500 cycles	5/6
Puncture Resistance	EN863	11.4N	2/6
Flex Cracking	EN ISO 7854 method B	>100,000 cycles	6/6
Tensile Strength	EN ISO 13934-1:2013	60N weft	2/6
		110N warp	2/6
Trapezoidal Tear	EN ISO 9073-4	32.8N weft	3/6
		57.9N warp	3/6
pH Value	EN ISO 3071:2006 EN ISO 13688	3.5 > pH > 9.5	Pass
Electric Surface Resistance	ANSI/ESD STM 2.1:2013 - test condition EN1149-1	≤ 2.5 x10 <sup>9</sup>	Pass
Ignition and flammability	(EN13274-4 - EN1073-2)	Pass	
Blocking Resistance	EN25978 - EN1073-2	Pass	
Amines	EN ISO 13688 - ISO 3071	Pass	

## Penetration and Repellency by Liquid in Accordance with UNI EN ISO 6530:2005+ UNI EN 14325:2005

Physical Data	Test Method	Repellency	Class	Penetration	Class
H <sub>2</sub> SO <sub>4</sub> (Sulphuric acid) 30%	EN14325 - EN ISO 6530	>95%	Class 3	<1%	Class 3
NaOH (Sodium hydroxide) 10%	EN14325 - EN ISO 6530	>95%	Class 3	<1%	Class 3
o-xylene	EN14325 - EN ISO 6530	>90%	Class 2	<1%	Class 3
Butan 1 ol	EN14325 - EN ISO 6530	>95%	Class 3	<1%	Class 3

Physical Data	Test Method	Result	Class
Resistance to penetration by bloodborne pathogens - phi-x174 bacteriophage test	ISO 16603/16604	-	6/6
Resistance to penetration by infective agents due to mechanical contact with substances containing contaminated liquids	ISO 22610 (test microorganism: staphylococcus aureus)	-	6/6
Resistance to penetration by contaminated liquid aerosols	ISO DIS 22611 (test microorganism: staphylococcus aureus)	-	3/3
Resistance to penetration by contaminated solid particles	EN ISO 22612 (test microorganism: spores of Bacillus subtilis)	-	3/3
Permeation by liquids	EN ISO 6529 - EN 14605	H <sub>2</sub> SO <sub>4</sub> 30% - Class 1 NaOH 10% - Class 1	-

## Performance Profile of MaxRepel+ on Whole Suit

Physical Data	Test Method	Result	Class
Tensile Strength on Seam	EN ISO 13935-2	97N	3/6
Nominal Protection Factor	EN ISO 13982-2 - EN 1073-2		Class 1
Resistance to Aerosol Penetration Inward Leakage Type 5	EN ISO 13982-2 - EN ISO 13982	Ljmn ≤ 30% L s 8/10 ≤ 15%	Pass
Resistance to Liquid Penetration Spray Test Type 6	EN ISO 17491-4 met. A - EN13034		Pass

## Industries & Applications

- ▲ First Responders & Emergency Services
- ▲ Medical & laboratory environments
- ▲ Pharmaceutical
- ▲ Demolition and construction
- ▲ Stone cutting
- ▲ Insulation and fiberglass work
- ▲ Hazardous liquid handling and spraying
- ▲ Waste management
- ▲ Industrial cleaning & maintenance
- ▲ Painting
- ▲ Agricultural and pesticide spraying
- ▲ Cleanroom operations & sensitive component assembly

## Instructions For Use

Refer to the User Insert Sheet included with the Coverall for full user instructions

## Shelf life

Five years from date of manufacture

## Storage

Do not store in direct sunlight, or in environments above 21°C and above 80% humidity.

## Disposal

Worn coveralls should be disposed of in accordance to the containment they have been exposed to, and in accordance with local regulations.

## Cleaning

Single use garment. Do not reuse



Do not iron



Do not wash



Do not clean



Do not machine dry



Do not dry clean