

CFPR179

DESIGNED
TO PROTECT



Repel

TYPE 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
- ▶ 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
- ▶ Serged seams provide strength and good 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

PARTICLE TIGHT
PROTECTIVE
COVERALLS



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

LIMITED
SPRAY TIGHT
PROTECTIVE
COVERALLS



EN13034:2005
+A1:2009
Type 6B

PROTECTIVE
COVERALLS WITH
ANTI-STATIC
PROPERTIES



EN1149-5:2008

PROTECTIVE
COVERALLS
AGAINST
INFECTIOUS
AGENTS



EN14126:2003
AC:2004

NUCLEAR
PARTICLE



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 0.6µm
- ▶ Limited liquid spray tight to protect from light sprays of hazardous liquids
- ▶ Anti-static treatment to EN1149 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
L, XL, 2XL, 3XL, 4XL

Packaging

1 50

CFPR179

Performance Profile of Repel 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 ⁹	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 ₂ SO ₄ (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 ₂ SO ₄ 30% - Class 1 NaOH 10% - Class 1	-

Performance Profile of Repel 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%	
Resistance to Liquid Penetration Spray Test Type 6	EN ISO 174910-4 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