# CFPR*185*

# Repel HV
## TYPE 5, 6
## DISPOSABLE FR COVERALL

**DESIGNED TO PROTECT** **FORCE 360**

## Features

- 65gsm microporous fabric combines excellent tensile strength with good breathability
- 50mm reflective tape for enhanced visibility
- 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
- 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

**CE 0624**

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

| PARTICLE TIGHT PROTECTIVE COVERALLS | LIMITED SPRAY TIGHT PROTECTIVE COVERALLS | PROTECTIVE COVERALLS WITH ANTI-STATIC PROPERTIES | PROTECTIVE COVERALLS AGAINST INFECTIOUS AGENTS | NUCLEAR PARTICLE |
|---|---|---|---|---|
| 5 | 6 | | | |
| 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
- Limited liquid spray tight to protect from light sprays of hazardous liquids
- Anti-static treatment to EN1149 to reduce charge build up
- Resists ignition and flammability under EN 13274 -4
- Provides a barrier to radioactive contaminated particles to level 1 under EN 1073:2002
- Reflective Tape luminicity to EN ISO 20471:2013

## Specifications
**Part No.** CFPR184
**Colour** Orange
**Material** SMS

## Sizing & Fit
**Available Sizes**
XL, 2XL, 3XL

## Packaging
1 | 50

# CFPR*185*

## Performance Profile of Defender HV

| Physical Data | Test Method | Result | Class |
|---|---|---|---|
| Abrasion Resistance | EN530 method 2 | >500 cycles | 3/6 |
| Tensile Strength on Seams | ISO 13935-2 | 120N | 4/6 |
| Puncture Resistance | EN 863 | 9.35N | 1/6 |
| Flex Cracking Resistance | EN ISO 7854 method B | >100,000 cycles | 6/6 |
| Tensile Strength | EN ISO 13934-1:2013 | 57N weft | 3/6 |
| | | 140N warp | |
| Trapezoidal Tear | EN ISO 9073-4 | 24N weft | 3/6 |
| | | 54.2N warp | |
| pH Value | EN ISO 3071:2006 EN ISO 13688 | 3.5 > pH > 9.5 | Pass |
| Resistance to Aerosol Penetration Inward Leakage Type 5 | EN ISO 13982.2 - EN ESO 13982 | Ljmn 82/90 ≤ 30% L s 8/10 ≤ 15% | Pass |
| Reduced Spay test | EN468 (EN13034/05) Type 6 | Pass | |
| Whole Suit Aerosol test | EN13982-2/04 Type 5 | 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 |
|---|---|---|---|---|---|
| $H_2SO_4$ (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 |

## 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% humdity.

## Disposal

Worn coveralls should be disposed of in accrodance 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