

CFPR181/182

DESIGNED  
TO PROTECT

FORCE  
360

# Defender

TYPE 5, 6  
DISPOSABLE COVERALL

## Features

- ▲ 55gsm highly breathable triple layer SMS material for hot and humid environments
- ▲ 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

CE  
0624

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

- ▲ Particle tight protection including asbestos, silica, and hazardous particles to 0.6um
- ▲ Limited liquid spray tight to protect from light sprays of hazardous liquids

CFPR181

CFPR182

## Specifications

**Part No.** CFPR181  
**Colour** Orange  
**Material** SMS

## Sizing & Fit

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

## Packaging

1 50

**Part No.** CFPR182  
**Colour** Blue  
**Material** SMS



## CFPR181/182

### Performance Profile of Defender Fabric

Physical Data	Test Method	Result	Class
Abrasion Resistance	EN530 method 2	>1,500 cycles	5/6
Tensile Strength on Seams	ISO 13935-2	120N	4/6
Puncture Resistance	EN863	9.3N	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 Resistance	EN ISO 9073-4	34N 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 ISO 13982	Ljmn 82/90 ≤ 30% L s 8/10 ≤ 15%	Pass
Reduced Spray 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 <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 NC	<1%	Class NC
Butan 1 ol	EN14325 - EN ISO 6530	>90%	Class NC	<1%	Class NC

### 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