

CFPR183

Defender FR

TYPE 5, 6
DISPOSABLE COVERALL

DESIGNED
TO PROTECT



Features

- ▲ 55gsm highly breathable triple layer SMS material for hot and humid environments
- ▲ Flame retardant coating*
- ▲ 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
- ▲ 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 SB

LIMITED
SPRAY TIGHT
PROTECTIVE
COVERALLS



EN13034:2005
+A1:2009
Type 6B

PROTECTION
AGAINST
FLAME



EN ISO
14116:2015
Index 1/0/0

PROTECTIVE
COVERALLS WITH
ANTI-STATIC
PROPERTIES



EN1149-5:2008

NUCLEAR
PARTICLE



EN1073-2:2002
Class 1

- ▲ Particle tight protection including asbestos, silica, and hazardous particles to 0.6µm
- ▲ Limited liquid spray tight to protect from light sprays of hazardous liquids
- ▲ Flame retardant to EN 14116 Index 1*
- ▲ Anti-static treatment to EN 1149 to reduce charge build up
- ▲ Class 1 rated against Radioactive particle contamination

*Flame Retardant disposable coveralls must be worn over thermal protective garments to EN 14116 index 2 or above.

Specifications

Part No. CFPR183
Colour White
Material SMS

Sizing & Fit

Available Sizes
XL, 2XL, 3XL

Packaging

1 50

CFPR183

Performance Profile of Defender FR Fabric

Physical Data	Test Method	Result	Class
Abrasion Resistance	EN530 method 2	>1,500 cycles	3/6
Tensile strength on seams	EN ISO 13935-2	170N	4/6
Puncture resistance	EN 863	10.5N	2/6
Flex cracking Resistance	EN ISO 7854 method B	>100,000 cycles	6/6
Tensile Strength	EN ISO 13934-1:2013	150N weft	3/6
		66N warp	3/6
		31N weft	2/6
Trapezoidal Tear	EN ISO 9073-4	68N 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	$\leq 2.5 \times 10^9$	Pass
Resistance to aerosol penetration inward leakage type 5	EN ISO12982.2 - EN ISO 13982	Ljmn 82/90 $\leq 30\%$ L s 8/10 $\leq 15\%$	Pass
Reduced Spray test	EN 468(EN 13034/05) Type 6	Pass	
Whole suit aerosol test	EN 13982-2/04 Type	Pass	
Limited flame spread	(EN ISO 15025 A)	Index 1	
Ignition and flammability	(EN13274-4 - EN1073-2)	Pass	

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

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

Industries & Applications

- Oil & Gas
- Petrochemical
- Power Utilities
- Welding
- Railways
- Gas & Metal
- Construction and Mining

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