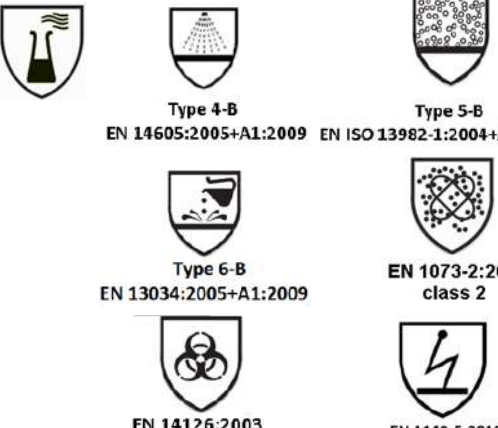


Defensive Plus - coverall

<p>Description</p>	<ul style="list-style-type: none"> • 3-pieces hood with elastic around the opening; • Nylon zip with adhesive flap; • Ribbed cuffs; • Elasticated ankles and waist; • Taped seams; 		
<p>Maintenance</p>	<p>Disposable clothing</p> 	<p>Code</p>	<p>V442-0-00 (white)</p>
<p>Packaging:</p>		<p>V442-0-K0 (white) quantity per carton: 25 pieces packed in single bag</p>	
<p>Norms: EN ISO 13688:2013</p>  <p> Type 4-B EN 14605:2005+A1:2009 Type 5-B EN ISO 13982-1:2004+A1:2010 Type 6-B EN 13034:2005+A1:2009 EN 1073-2:2002 class 2 EN 14126:2003 EN 1149-5:2018 </p>			
<p>Sizes</p>		<p>S-2XL</p>	

SAFETY TECHNICAL SPECIFICATIONS

	Test method	Description	Cofra result	Minimum requirement / range
<p>Background fabric</p>	<p>EN ISO 1833-1977, Section 10</p>	<p>Composition:</p>	<p>100% Polypropylene (Microporous polyethylene film)</p>	
	<p>EN ISO 12127:1996</p>	<p>Weight per unit area</p>	<p>60±5% g/m²</p>	
	<p>EN ISO 13688:2013 (ISO 3071)</p>	<p>pH</p>	<p>9.4</p>	<p>3.5<pH<9.5</p>

EN ISO 13688:2013
4.2
(EN 14362-1)

Search of the aromatic and
carcinogenic amines

Not recording

≤30 ppm

EN 14325:2004
4.4
(EN 530)

Abrasion Resistance

Class 3

Class	cycles
6	>2 000
5	>1 500
4	>1 000
3	>500
2	>100
1	>10

EN 14325:2004
4.5
(EN ISO 7854)

Flex cracking resistance

Class 6

Class	cycles
6	>100 000
5	>40 000
4	>15 000
3	>5 000
2	>2 500
1	>1 000

EN 14325:2004
4.7
(EN ISO 9073-4)

Trapezoidal tear resistance

Class 2

Class	N
6	>150 N
5	>100 N
4	>60 N
3	>40 N
2	>20 N
1	>10 N

EN 14325:2004
4.8
(EN ISO 13938-1)

Bursting strength

Class 3

Class	Bursting resistance
6	>850 KPa
5	>640 KPa
4	>320 KPa
3	>160 KPa
2	>80 KPa
1	>40 KPa

EN 14325:2004
4.9
(EN ISO 13934-1)

Tensile strength

Class 1

Class	N
6	1 000 N
5	>500 N
4	>250 N
3	>100 N
2	>60 N
1	>30 N

EN 14325:2004
4.10
(EN 863)

Puncture resistance

Class 2

Class	N
6	>250 N
4	>100 N
3	>50 N
2	>10 N
1	>5 N

EN 14325:2004
4.11
(EN ISO 6529)

Permeation resistance on seams

H₂SO₄ (30%)

Class 1

Class	
Breakthrough Time min	
6	>480 min
5	>240 min
4	>120 min
3	>60 min
2	>30 min
1	>10 min

EN 14325:2004
4.11
(EN ISO 6530)

Permeation resistance on material+seams

H₂SO₄ (30%)

Class 1

EN 14325:2004
4.12
(EN ISO 6530)

Repellency to Liquid

	Class	Result
H ₂ SO ₄ (30%)	3	>95%
NaOH (10%)	3	>95%
o-Xylene	2	>90%
Butan-1-ol	2	>90%

Class	Index of repellency
3	>95%
2	>90%
1	>80%

EN 14325:2004
4.13
(EN ISO 6530)

Resistance to liquid penetration

	Class	Result
H ₂ SO ₄ (30%)	3	0.0%
NaOH (10%)	3	0.0%
o-Xylene	3	0.0%
Butan-1-ol	3	0.0%

Class	Index of penetration
3	<1%
2	<5%
1	<10%

EN 14325:2004
4.14
(EN 13274-4 Metodo 3)

Ignition Resistance

Pass

EN 14325:2004
5.5
(EN ISO 13935-2)

Seam strength

Class 3

Class	N
6	>500
5	>300
4	>125
3	>75
2	>50
1	>30

EN 1073-2:2003
4.2
(EN 25978)

Determination Of Blocking Resistance

PASS

EN 14126:2003
4.1.4.1
(ISO/FDIS 16604)

Resistance to penetration by bloodborne pathogens-phix 174 bacteriophage test

Class 6
20KPa

Class	KPa
6	20 kPa
5	14 kPa
4	7 kPa
3	3,5 kPa
2	1,75 kPa
1	0 kPa

EN 14126:2003
4.1.4.2
(EN 22610)

Resistance to penetration by infective agents due to mechanical contact with substances containing contaminated liquids

Class 6
 $t > 75 \text{ min}$

Class	
Breakthrough Time <i>min</i>	
6	$t > 75$
5	$60 < t \leq 75$
4	$45 < t \leq 60$
3	$30 < t \leq 45$
2	$15 < t \leq 30$
1	$\leq 15 \text{ min}$

EN 14126:2003
4.1.4.3
(ISO/DIS 22611)

Resistance to penetration by contaminated liquid aerosols

Class 3
 $\text{Log} > 5$

Class	<i>log</i>
3	$\text{log} > 5$
2	$3 < \text{log} \leq 5$
1	$1 < \text{log} \leq 3$

EN 14126:2003
4.1.4.4
(ISO/DIS 22612)

Resistance to penetration by contaminated solid particles

Class 3
 $\text{Log ufc} \leq 1$

Class	<i>log ufc</i>
3	≤ 1
2	$1 < \text{log ufc} \leq 2$
1	$2 < \text{log ufc} \leq 3$

EN 1149-5:2018
4.2.1
(EN 1149-1)

Test method for measurement of surface resistivity

Pass

$\leq 2.5 \times 10^9 \ \Omega$

Whole suit

EN 13034:2005+A1:2009
5.2
(EN ISO 17491-4)

Protective clothing - test methods for clothing providing protection against chemicals - part 4: determination of resistance to penetration by a spray of liquid (light spray test)

Pass

Type 6

EN ISO 13982-1:2004+A1:2010
4.3
(EN 13982-2)

Protective clothing for use against solid particulates - Part 2: Test method of determination of inward leakage of aerosols of fine particles into suits

Pass

Type 5

<i>L_{imn} 82/90</i>	$\leq 30\%$
<i>L_s 8/10</i>	$\leq 15\%$

EN 14605:2005+A1:2009
4.3.4.2
(EN ISO 17491-4)

Protective clothing - test methods for clothing providing protection against chemicals - part 4: determination of resistance to penetration by a spray of liquid (spray test)

Pass

Tipo 4

EN 1073-2:2002
4.3
(EN 13982-2)

Protective clothing against radioactive contamination - part 2: requirements and test methods for non-ventilated protective clothing against particulate radioactive contamination

Class 2

Nominal Protection Factor

<i>C_I</i>	<i>n.p.f</i>	<i>TIL_E</i>	<i>TIL_A</i>
1	>5	0.3	0.2
2	>50	3	2
3	>500	30	20