



SMS Coveralls Type 5/6

A light, breathable triple layer SMS coverall that blocks dust and sprays while providing full-body protection.

Key Features:

- ▶ Disposable Type 5/6 Coverall
- ▶ Hooded design provides complete protection
- ▶ 2-way zipper with adhesive cover flap for easy wear and removal
- ▶ Elasticated hood, cuffs, ankles and waistband keep out dust
- ▶ The optimised fit improves comfort and safety, reducing seam stress when you bend, sit or crawl
- ▶ Lightweight and breathable for all-day comfort and lint free

Applications:

- ▶ Food processing
- ▶ Asbestos handling
- ▶ Automotive
- ▶ Civil protection
- ▶ Waste management
- ▶ Decorative work
- ▶ Medical/Laboratory
- ▶ Construction and mining

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Performance Standards:

VALIANT SMS Coveralls Type 5/6 protects from hazardous substances and help prevent contamination of sensitive products or processes. Depending on the chemical risk and exposure, they protect against particles (Type 5) and small liquid splashes and sprays (Type 6)

The clothing is in compliance with the following standards:

- ▶ **EN ISO 13982-1:2004+A1:2010** - Protection against airborne solid particulates (type 5)
- ▶ **EN 13034:2005+A1:2009** - Protection against liquid chemical, light spray (type 6)
- ▶ **EN 1073-2:2002** - Particulate radioactive contamination (no rays)
- ▶ **EN 1149-5:2018** - Electrostatic charges
- ▶ **EN ISO 13688:2013** - Protective clothing - general requirements

EN ISO 13982-1/04 +A1/10



EN 13034/05+A1/09



EN 1073-2/02



EN 1149-5/18



Product Details:

Feature	Description
Material	100% Polypropylene (55grams)
Openings	Elasticated hood, ankles, cuffs and waist
Zipper	2 way zipper with adhesive flap
Hood	3-panel hood
Linting	Lint free
Sizes	XL-XXXL

Body Measurements:

SIZE	XL	XXL	XXXL
HEIGHT (cm)	182-192	185-195	188-198
CHEST-WAIST (cm)	108-116	112-120	116-124

Washing Instructions:

DO NOT Wash, Iron, Dry, Bleach, Dry Clean. Flammable Fabric.

Technical Data:

FABRIC PHYSICAL PROPERTIES	TEST METHOD	RESULT	CLASS
Abrasion Resistance	EN 530	10-100 cycles	Class 1
Flex Cracking Resistance	EN 7854	>15 000 < 15000 c.	Class 3
Trapezoidal Tear Resistance	EN ISO 9073-4	20-40 N	Class 2
Tensile Strength	EN ISO 13934-1	60-100 N	Class 2
Puncture Resistance	EN 863 - EN 1073-2	10-50 N	Class 2
Electric Surface Resistance		$\leq 2.5 \times 10^9$	Pass
Blocking Resistance	EN 25978 - EN 1073-2		Pass
pH Value	EN ISO 13688 - ISO 3071	3.5>pH>9.5	Pass
Resistance To Ignition	EN 13274-4 - EN 1073-2		Pass
FABRIC CHEMICAL PROPERTIES			
Resistance To Penetration To Liquid	EN ISO 6530 - EN 13034	H2SO4 30% NaOH 10% o-Xylene Butan-1-ol	Class 2 Class 3 n.c. n.c.
Repellency To Liquid	EN ISO 6530 - EN 13034	H2SO4 30% NaOH 10% o-Xylene Butan-1-ol	Class 3 Class 3 n.c. n.c.
SUIT PERFORMANCE OF CHEMICAL PROTECTIVE CLOTHING			
Resistance To Aerosol Penetration Inward Leakage Type 5	EN ISO 13982-2 - EN ISO 13982	$L_{jmn} 82/90 \leq 30\%$ $L_s 8/10 \leq 15\%$	Pass
Resistance To Liquid Penetration Spray Test Type 6	EN ISO 17491-4 met. A - EN 13034		Pass
Nominal Protection Factor	EN ISO 13982-2 - EN 1073-2	$TIL_E \%$ $TIL_A \%$ F_{pn}	Class 1
Practical Performance Tests	EN 1073-2		Pass
Seams Strength	EN ISO 13935-2	75-125 N	Class 3

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