ALPHASHIELD S2200

LIMITED LIFE COVERALL

Alphashield S2200 is a limited life coverall with bound seam made from polypropylene and polyethylene. It is designed to protect workers from hazardous substances or sensitive products and processes from contamination.

FEATURES

- Lightweight microporous polyethylene (PE) laminate
- Bound seam for additional protection and strength
- 2-way front zipper with re-sealable storm flap
- Thumb loop ensures arm protection remains in place when arm is raised
- Elasticated waist to enhance fit
- Innovative, three piece elasticated hood construction provides added comfort, durability and fit
- Elasticated ankles and wrists



ORDERING INFORMATION

Part Number:

S2200

SUITABLE APPLICATIONS

Protection against particulate hazards (Type 5) and or limited liquid splashes or sprays (Type 6) depending on the chemical toxicity and exposure conditions

- **Agriculture**
- **Biological Hazards**
- **Chemical Handling**
- **Clean Room**
- **Electronics**
- **Hazardous Material Handling**
- **Paint Spraying**
- **Printing**

ALPHA SOLWAY

ALPHASHIELD S2200

LIMITED LIFE COVERALL

TECHNICAL SPECIFICATIONS

PHYSICAL PERFORMANCE	
	EN Class*
EN 530 Abrasion	3 of 6
EN ISO 7854 Flex Cracking	3 of 6
EN ISO 9073-4 Tear Resistance	2 of 6
EN ISO 13934-1 Tensile Strength	1 of 6
EN 863 Puncture Resistance	1 of 6
EN 25978 Resistance to blocking	Pass

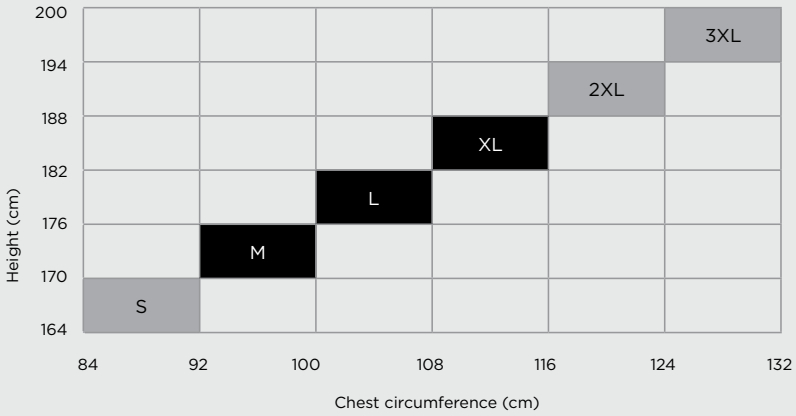
* EN Class specified by EN14325: 2004. The higher the class number the better the performance.

WHOLE SUIT PERFORMANCE		
Type 5: Particle Test	EN ISO 13982-1: 2004+A1: 2010 Ljmn, 82/90 ≤ 6.4% and Ls, 8/10 ≤ 4.2%	Pass
Type 6: Reduced Spray Test	EN13034: 2005+A1:2009	Pass
Radioactive Particulates	EN1073-2, TIL_A = 2.8%, NPF = 35	Pass Class 1
Electrostatic Properties	EN1149-5: 2008	Pass
Seam Strength	EN ISO 13935-2	Class 4 of 6

EN ISO 6530 RESISTANCE TO PENETRATION OF CHEMICALS		
	Repellency (EN Class)	Penetration (EN Class)
Sulphuric Acid (30%)	3 of 3	3 of 3
Sodium Hydroxide (10%)	3 of 3	3 of 3
o-Xylene	2 of 3	3 of 3
Butan-1-ol	3 of 3	3 of 3

EN14126: 2003 FABRIC BARRIER TO INFECTED AGENTS	
ISO 16603 – resistance to penetration by blood/body fluids with synthetic blood	Class 6 of 6
ISO 16604 – resistance to blood borne pathogens using Phi – X174 bacteriaphage	Class 6 of 6
EN ISO 22610 – resistance to penetration by wet liquid – staphyloccus aureas	Class 6 of 6
ISO/DIS 22611 – resistance to penetration by aerosols –	Class 3 of 3
ISO 22612 – resistance to dry particles contaminated with bacillus subtillis spores	Class 3 of 3

SIZING Body Measurements



CERTIFICATION

EN 13034:2005 +A1:2009 Type 6

EN ISO 13982-1:2004 +A1:2010 Type 5

EN 1073-2 :2002 TIL Class 1

EN 14126: 2003 Type 5-B; 6-B

EN 1149-5: 2008

STORAGE AND MAINTENANCE

Alphashield S2200 is manufactured from materials made from polypropylene and polyethylene. These inert polymers are proven not to degraded within 10 years. Therefore a product shelf life of 10 years should be reasonable in correct storage conditions. It is advised to keep products stored in cool, dry areas where possible and away from direct heat and sunlight.

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