Micromax-NS COOL COVERALL

Product code:
Model: Micromax NS Cool

Micromax NS Cool Suit

MicroMax® NS Cool Suit Features: • SMS back panel increases breathability and provides a barrier to particulates and aerosol mist • Elastic back waist provides improved comfort • Front and sides material provides protection from dirt, liquids and light chemical splash • Storm flap over zipper protects against splashes

The Cool Suit breathable back panel provides efficient cooling while the front and sides offer light barrier protection from liquids and splash

• Lakeland's breathable back garment combiningthe protection of Micromax NS with the comfortof safeguard. A white coverall with bluebreathable back panel and tough bound seams inblue. The best combination of protection andcomfort.
• 65 gsmMicroporous film laminate with a 55 gsmSMMS polypropylene back panel.
• EMNC428
• Stitched and bound with blue CPE fabric
• White with blue breathable panel at the rear and blue seams.
Key features:
• Optimum combination of superior Micromax NSfabric for protection and safeguard for highcomfort.
• Protection and comfort the best of both worlds.
• Coverall with 3 piece hood, waist, cuffs and ankles
• NB : The breathable panel has a lower protection factor than the rest of the garment, so cool suitmay not be suitable in all applications

Suggested Applications:
• Warm environments where type 5 & 6 protection is required
• Paint spray application
• Low level insecticide spraying
• Wet application in GRP manufacturing
• Boat Building
• Wind-blade manufacture
• Pharmaceuticals manufacture
• General maintenance and cleaning applications
• Scene of the crime operations
• Low hazard emergency response applications

Storage:Lakeland garments can be stored in normal storage areas and require no special condition. Keep in cool, dryareas where possible any away from direct heat and
Sunlight

Shelf –Life:Lakeland coveralls are primarily manufactured frominert polymers (usually polypropylene and/ orpolyethylene which should normally degrade over longer periods in excess of 10 years. Garments aresupplied in sealed bags and so a shelf life of ten years ormore should be reasonable under normal conditions. However, we recommend that after 5 years Type 3 and4 chemical suits should be disposed of and replaced orused for training only. Some discoloration of especially white fabrics may occur over time though this will notaffect performance. In any circumstances it is the users'responsibility to check garments for damage tears orwear before use.

Disposal:Polymers used in Lakeland garments are generally inert, non-harmful and non-toxic and can be disposed of byincineration or to landfill according to local regulations. However, any garments contaminated with chemicals must be disposed of according to the requirements ofthe chemical or cleaned before disposal

MicroMax® NS Cool Suit Physical Properties

Physical Property	Test Method	Units	Results
Basis Weight	ASTM D3776	oz/y2	1.85 oz/y2
Strip Tensile MD	ASTM D5035	lbs.	11.3 lbs.
Strip Tensile XD	ASTM D5035	lbs.	6 lbs.
Tensile Strength MD	ASTM D5034	lbs.	24.4 lbs.
Tensile Strength XD	ASTM D5034	lbs.	16.2 lbs.
Trap/Tear MD	ASTM D1117	lbs.	10.8lbs.
Trap/Tear XD	ASTM D1117	lbs.	5.4 lbs.
Ball Burst	ASTM3787	lbs.	25.1lbs.
Taber Abrasion	ASTM 3884	cycles	1062 cycles
Mocon-Breathability		5031	
Air Permeability	ASTM D737	cfm/ft2	<0.562
Surface Resistance	EN1149	Ω	Pass
Hydrostatic Resistance	ASTM 4157	cfm	127+
Flammability Pass		lbs.	16 cfr 1610cii

MicroMax® NS Cool Suit ASTM F903 Penetration Data

Chemical Tested	Concentration %	Test Time Minutes	Results
Diazinon (Roundup)	100%	60	Pass
Motor Oil-40 wt.	100%	60	Pass Bleach-
household	100%	60	Pass
Isocyanate Based Paint	100%	60	Pass Sodium
Hydroxide	50%	60	Pass Sodium
Hypochlorite	10%	60	Pass
Blood	Challenge Fluid Liter – 3.20 x 108 (PFU/mL)	Assay Results PFU/mL <1	

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