



**Ansell**

Range Overview  
**MICROGARD® 1500 PLUS**

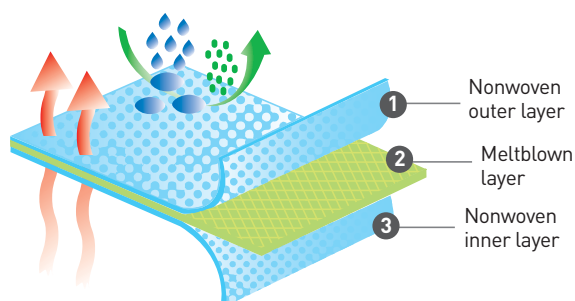


# MICROGARD® 1500 PLUS



**MICROGARD® 1500 PLUS** is a highly breathable anti-static SMS fabric which utilises the latest developments in micro-fibre technology to ensure good filtration efficiency.

SMS fabrics are a particularly good barrier against particulates such as asbestos, brick dust and cement dust, and will provide protection from light aerosol mists; as found in some paint spray environments.



## Features & Benefits

**Protection** - Proven to filter 99.9% of particles >3 microns\*

**Comfort** - Air and water vapour permeable ("breathable") to help reduce the risk of heat stress

**Silicone Free** - Critical in spray painting applications

**Anti-static** - Tested according to EN 1149-5

**Optimized Body Fit** - Improves wearer comfort and safety

\*JSTIIF particle penetration test

## Applications

- Asbestos related work
- Handling powders
- General maintenance
- Construction
- Pharmaceutical industries
- Wood and metal processing
- Touch-up paint spraying
- Fibreglass / resin applications / ceramic fibres

## Protection Levels & Additional Properties



TYPE 5



TYPE 6



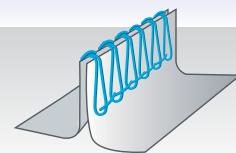
EN 1073-2



EN 1149-5

## Stitched Seams

Combining strength with particle barrier



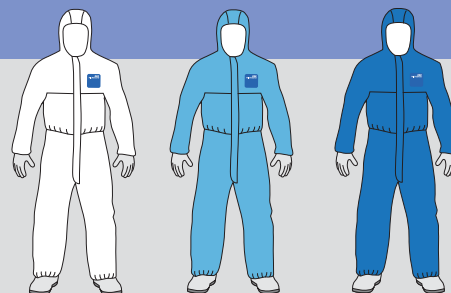
## Model 111

### Suit Features

- 3-piece hood
- Elasticated hood, wrists, waist and ankles
- 2-way front zipper with resealable storm flap
- Finger loops
- Anti-static treatment

**Sizes:** S-5XL

**Colours:** White, Light Blue, Navy



MICROGARD® 1500 PLUS (White)	
Fabric Filtration Efficiency*	
Particle Size	%
0.3-0.5 µm	97.8%
0.5-1.0 µm	98.7%
1.0-3.0 µm	99.4%
3.0-5.0 µm	99.9%
>5.0 µm	99.9%

\* JSTIIF Test Method

## MICROGARD Limited

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## MICROGARD® 1500 PLUS Technical Data

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Test Method	Result	EN Class (EN 14325: 2004)
EN 530 Abrasion	>10	1 of 6
EN ISO 7854 Flex Cracking	>15,000	4 of 6
EN ISO 9073-4 Tear Resistance (MD)	>20N	2 of 6
EN ISO 9073-4 Tear Resistance (CD)		
EN ISO 13934-1 Tensile Strength (MD)	>60N	1 of 6
EN ISO 13934-1 Tensile Strength (CD)	>30N	
EN 863 Puncture Resistance	>5N	1 of 6
EN 1149-5 Anti-Static	<2.5 x 10 <sup>9</sup>	-
ISO 13935-2 Seam Strength	>75N	3 of 6

Fabric Repellence & Penetration Resistance to Liquid Chemicals		
Repellence of Liquids	Result (%)	EN Class (EN 14325: 2004)
- 30% Sulphuric Acid	>95	3 of 3
- 10% Sodium Hydroxide	>95	3 of 3
Resistance to penetration by liquids	Result (%)	EN Class (EN 14325: 2004)
- 30% Sulphuric Acid	<1%	3 of 3
- 10% Sodium Hydroxide	<1%	3 of 3



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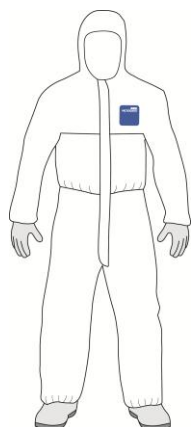
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## Technical Data Sheet



### MICROGARD® 1500 Plus, Model 111

**Part Number(s):** WH15-S-00-111 (White)  
BL15-S-00-111 (Light Blue)  
NV15-S-00-111 (Navy)

**Fabric:** MICROGARD® 1500 Plus

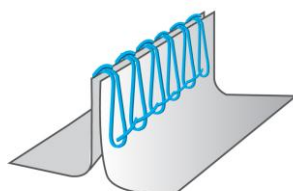
**Seam Type:** Stitched

Product Description & Features	CE Category
Coverall with 3-piece hood, elasticated wrists, waist and ankles. 2-way front zipper with re-sealable storm flap.	Cat III

Whole Suit Test Results		
Test Method	Description	Result
EN ISO 13982-2	Type 5 Particulate Inward Leakage*	Ljmn, 82/90 ≤ 30% Ls, 8/10 ≤ 15%
EN 13034	Type 6 Reduced Spray Test*	Pass
EN 1073-2	Inward leakage test for non-ventilated protective clothing against particulate radioactive contamination*	Class 1 of 3
EN ISO 13935-2	Seam Strength	Class 3 of 6

\* Test performed with wrists, cuffs, ankles and hood taped to ancillary PPE with the storm flap closed and sealed

CE Approvals	
EN ISO 13982-1: 2004 +A1:2010	<b>Type 5</b> (Limited life, full body protection against airborne solid particulates)
EN 13034: 2005+A1: 2009	<b>Type 6</b> (Limited life, full body limited chemical protective clothing against liquids)
EN 1073-2: 2002	Non-ventilated protective clothing against particulate radioactive contamination
EN1149-5: 2008	"for protective clothing with electrostatic dissipative properties"



### Stitched Seams

Combining strength with particle barrier

**Safety Note:** All chemical tests and breakthrough times given relate to laboratory tests on fabrics only. Seams and closures may have lower breakthrough times, particularly when worn or damaged. It is the user's responsibility to select an appropriate garment, gloves, boots and other equipment for the particular use. The user shall be responsible for determining how long the garment can be worn for the particular use and whether it can be suitably cleaned for re-use. Microgard Limited does not give any warranties or make any representations about its garments other than those contained in the official literature supplied by Microgard Limited with each garment.