



MICROGARD
1500 PLUS

Range Overview
MICROGARD® 1500 PLUS

MICROGARD®
1500
PLUS

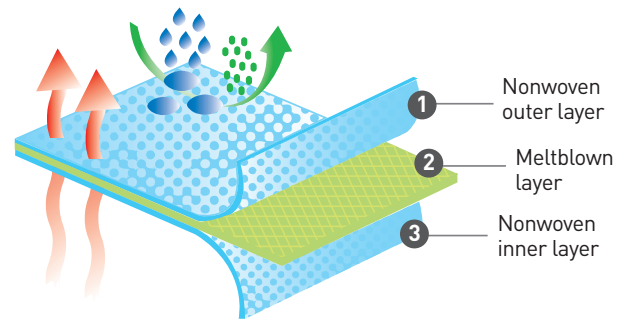
MICROGARD® 1500 PLUS

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



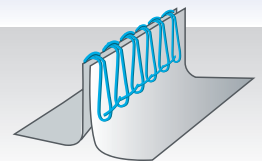
EN 1073-2



EN 1149-5

Stitched Seams

Combining strength with particle barrier



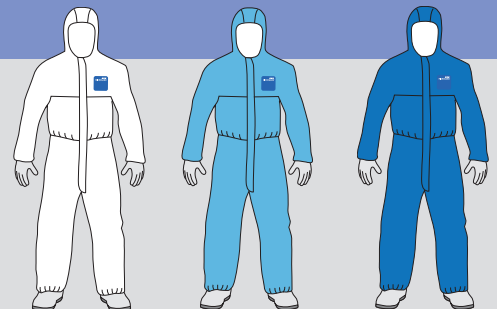
Model 111

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

9 Saltmarsh Court · Priory Park · Hesse · Kingston upon Hull · UK · HU4 7DZ

Tel +44 (0) 1482 625444 · Fax +44 (0) 1482 630400

Email sales@microgard.com · www.microgard.com

MICROGARD®
High Performance Protection in Comfort

MICROGARD® 1500 PLUS Technical Data

MICROGARD® 1500 PLUS Technical Data

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	$<2.5 \times 10^9$	-
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

