

# MICROGARD® 1500 PLUS



## Applications

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

**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.



## 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 1149-1

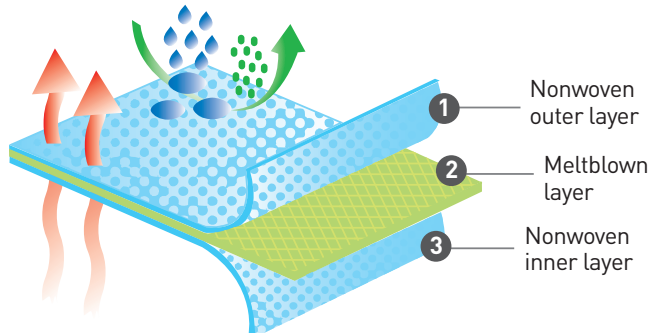
**Optimized Body Fit** - Improves wearer comfort and safety

\*JSTIIF particle penetration test

## MICROGARD® 1500 PLUS

The SMS fabric used in the MICROGARD® 1500 PLUS coverall is highly breathable, making it ideal for operatives working in warmer environments.

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.



### Protection Levels & Additional Properties



TYPE 5



TYPE 6



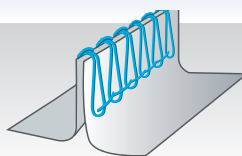
EN 1073-2



EN 1149-1

### Stitched Seams

Combining strength with particle barrier



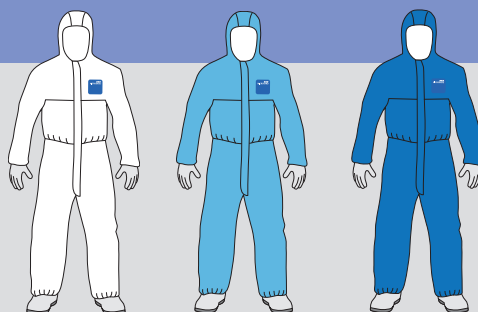
### Model 111

#### Suit Features

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

**Sizes:** S-3XL

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



## MICROGARD® 1500 PLUS Technical Data

Test Method	White	EN Class	Light Blue	EN Class	Navy	EN Class
EN 530 Abrasion	>100	2 of 6	>10	1 of 6	>10	1 of 6
EN ISO 7854 Flex Cracking	100,000	6 of 6	15,000	4 of 6	40,000	5 of 6
EN ISO 9073-4 Tear Resistance (MD)	31.1N	2 of 6	32.2N	2 of 6	45.4N	2 of 6
EN ISO 9073-4 Tear Resistance (CD)	23.8N		47.6N		32.2N	
EN ISO 13934-1 Tensile Strength (MD)	77.9N	1 of 6	116N	2 of 6	98.1N	2 of 6
EN ISO 13934-1 Tensile Strength (CD)	49.2N		63.8N		69.6N	
EN ISO 13938-1 Burst Resistance	55.4kPa	1 of 6	75.5kPa	1 of 6	99.8kPa	2 of 6
EN 863 Puncture Resistance	9.6N	1 of 6	7.0N	1 of 6	7.85N	1 of 6
EN 13274-4 Resistance to ignition	Pass	-	Pass	-	Pass	-
EN 25978 Resistance to blocking	No blocking	-	No blocking	-	No blocking	-
EN 1149-1 Anti-Static	<5.0 x 10 <sup>10</sup>	-	<5.0 x 10 <sup>10</sup>	-	<5.0 x 10 <sup>10</sup>	-
ISO 13935-2 Seam Strength	117.7N	3 of 6	123.8N	3 of 6	84.8N	3 of 6

### Fabric Repellence & Penetration Resistance to Liquid Chemicals

Repellence of Liquids	Result (%)	EN Class	Result (%)	EN Class	Result (%)	EN Class
- 30% Sulphuric Acid	97.1	3 of 3	96.7	3 of 3	97.3	3 of 3
- 10% Sodium Hydroxide	95.2	3 of 3	99.3	3 of 3	95.8	3 of 3
Resistance to penetration by liquids	Result (%)	EN Class	Result (%)	EN Class	Result (%)	EN Class
- 30% Sulphuric Acid	0.1	3 of 3	0	3 of 3	0	3 of 3
- 10% Sodium Hydroxide	0	3 of 3	0	3 of 3	0	3 of 3

## MICROGARD® 1500 PLUS Range Overview

### MICROGARD® 1500 PLUS

Anti static suit, used for the stripping, clear up or handling of asbestos, general maintenance, construction and contract cleaning.



▲ MICROGARD® 1500 PLUS

### MICROGARD® 1500 PLUS (White)

Fabric Filtration Efficiency*	
Particle Size	%
0.3-0.5µm	97.8%
0.5-1.0µm	98.7%
1.0-3.0µm	99.4%
3.0-5.0µm	99.9%
>5.0µm	99.9%

\* JSTIF Test Method