



MICROGARD® 1500

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1500

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MICROGARD®
High Performance Protection in Comfort

MICROGARD® 1500 coveralls have been designed for workers involved in the stripping, clear up or handling of asbestos, general maintenance, construction and contract cleaning.

Asbestos fibres, such as Chrysotile, are typically 3-5 microns in size. The SMS fabric used in the construction of MICROGARD® 1500 coveralls has been proven to filter 100% of particles larger than 3.0 microns*



Protection Levels & Additional Properties



Features & Benefits

Protection - Proven to filter 100% 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

Optimised body fit - Improves wearer comfort and safety.

Applications

- Asbestos Related Work
- Handling Powders
- General Maintenance
- Construction

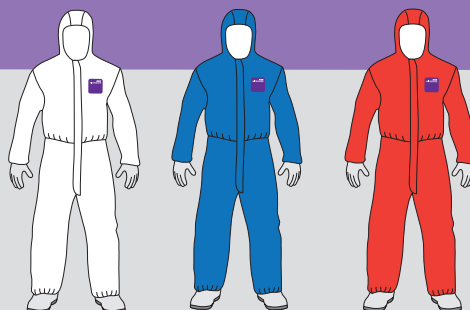
Model 138

Suit Features

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

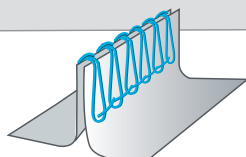
Sizes: S-3XL

Colours: White, Navy, Red



Stitched Seams

Combining strength with particle barrier



MICROGARD® 1500 (White)	
Fabric Filtration Efficiency*	
Particle Size	%
0.3-0.5µm	98.7%
0.5-1.0µm	99.2%
1.0-3.0µm	99.7%
3.0-5.0µm	100%
>5.0µm	100%

* JSTIF Test Method

MICROGARD® 1500

Is your current product correctly certified?

There are many alternative products available in today's PPE market but how can you tell a product is correctly CE marked in accordance with European Directive 89/686/EEC?

The section below highlights some of the critical information relevant to a properly certified "Type 5 & 6" coverall.

(1) Product Labelling

ISO 7000 symbol indicating product is intended to protect against chemicals

Manufacturers type identification or model no.

CE mark (≥5mm, in correct font) and 4-digit notified body number*

Read the IFU

Protection Levels & Additional Properties

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

TYPE 6 EN13034 2005+A1:2009

European Norm Reference No. and Version

Pictogram and sizing as defined by EN 340

SIZE: A/B: DOM: MODEL:

(2) Clear & Comprehensible User Instructions

Performance classification and list of chemicals tested where applicable

Explanation of labelling

Notified body name & address

Instructions for use

Instrucciones para el uso

Instruções de uso

Anweisungen zur Verwendung

Instructies voor gebruik

ISTRUZIONI PER L'USO

Instruktioner för bruk

Käyttöohje

Instruktioner til brug

Instrukcja użytkownika

Návod k použití

Lietošanas instrukcija

Hasitoláti utasítás

Ölçüleri, ölçüleri

Body Measurements

Available in White Model 150, 156, 167, 175

Available in Navy Model 150, 156, 167, 175

Available in Orange Model 150, 156

Microgard Limited

Unit 10, The Parkway, Basingstoke, Hampshire, RG24 0BA, UK

Tel: +44 (0) 1256 35544

Fax: +44 (0) 1256 35500

Email: sales@microgard.com

www.microgard.com

High Performance Protection in Comfort

Portuguese, Spanish, German, Dutch

(3) Certification

- a. EC-Type Examination (CE) certificate for the product
- b. Directive 89/686/EEC Article 11a or b Quality Control Certificate*



*The notified body number refers to the independent organisation responsible for ensuring that the product is quality assured in accordance with the stringent requirements of European (PPE) Directive 89/686/EEC, Article 11.



MICROGARD® 1500 Technical Data

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Test Method	Result	EN Class (EN 14325: 2004)
EN 530 Abrasion	>100	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)	>20N	
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
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

Whole Suit Test Results		
Test Method	Description	Result
EN ISO 13982-2	Type 5 Particulate Inward Leakage*	< 3% TIL**
EN 13034	Type 6 Reduced Spray Test*	Pass
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

** Average of all Total Inward Leakage (TIL) testing performed on M1500 Model 138 including EC-Type Examination and on-going quality testing performed to date in accordance with Article 11 of Directive 89\686\EEC.




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MICROGARD Limited
 9 Saltmarsh Court · Priory Park · Hessle
 Kingston upon Hull · UK · HU4 7DZ
 Tel +44 (0) 1482 625444 · Fax +44 (0) 1482 630400
 Email sales@microgard.com · www.microgard.com