



Range Overview
MICROGARD® 1500 PLUS FR

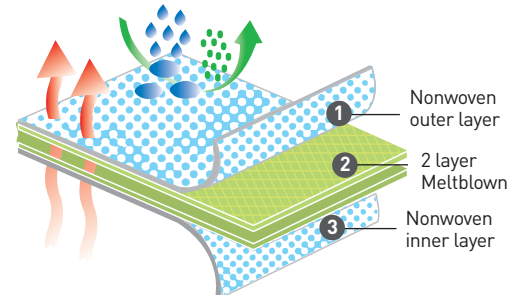


MICROGARD® 1500 PLUS FR



MICROGARD® 1500 PLUS FR is a highly breathable, flame retardant and anti-static SMMS polypropylene nonwoven designed for protection from particulates and light, non-flammable liquid spray or splash*.

Intended to be worn over heat and flame protective clothing, MICROGARD® 1500 PLUS FR offers wearers protection from particulates (Type 5) and non-flammable, non-pressurised liquid sprays or splashes (Type 6)*



*Must be worn over thermal protective garments, such as NOMEX® or PYROVATEX®, and never be worn next to the skin.

Features & Benefits

Protection - Flame retardant and anti-static SMMS nonwoven provides a good barrier to particulates and low hazard liquid sprays or splashes

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

Anti-static - Tested according to EN1149-5

Optimized Body Fit - Ensures full freedom of movement when worn over heat and flame protective clothing [EN ISO 14116 Index 2 or above].

Applications

- Petrochemical Industry
- Industrial Cleaning
- Utilities
- General Maintenance

Protection Levels & Additional Properties



TYPE 5



TYPE 6



EN 1073-2



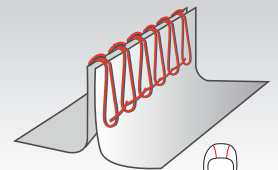
EN ISO 14116
INDEX 1/0/0



EN 1149-5

Stitched Seams

Combining strength with particle barrier

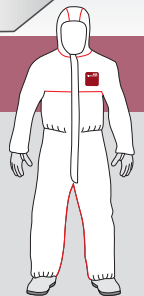


Model 111

Suit Features

- 3-piece hood
- 2-way front zipper with resealable storm flap
- Finger loops
- Elasticated wrists, waist and ankles
- Red stitching for ease of identification

Sizes: M-5XL
Colour: White



MICROGARD® 1500 PLUS FR should never be worn in isolation for flame retardant protection. Always wear over the top of garments which achieve EN ISO 14116 Index 2 or above.

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MICROGARD®
High Performance Protection in Comfort

MICROGARD® 1500 PLUS FR Technical Data

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MICROGARD® 1500 PLUS FR is extensively tested in accordance with statutory requirements, including physical performance attributes.

Test Method	Result	EN Class (EN 14325:2004)
EN 530 Abrasion Resistance Method 2	>10	1 of 6
EN ISO 7854 Flex Cracking Method B	>100,000	6 of 6
EN ISO 9073-4 Tear Resistance (MD)	>40N	2 of 6
EN ISO 9073-4 Tear Resistance (CD)	>20N	
EN ISO 13934-1 Tensile Strength (MD)	>100N	2 of 6
EN ISO 13934-1 Tensile Strength (CD)	>60N	
EN 863 Puncture Resistance	>5N	1 of 6
EN ISO 13937-2 Tear Resistance	>10N	-
EN 1149-5 Electrostatic Properties (surface resistivity)		<2.5 x 10 ⁹
EN ISO 15025 Flammability Testing Procedure A		Index 1/0/0

Fabric Repellence & Penetration - Resistance to Liquid Chemicals	Result (%)	EN Class
Repellence of Liquids - 30% Sulphuric Acid	>90	2 of 3
Repellence of Liquids - 10% Sodium Hydroxide	>95	3 of 3
Resistance to penetration by liquids- 30% Sulphuric Acid	<1	3 of 3
Resistance to penetration by liquids 10% Sodium Hydroxide	<1	3 of 3

