

RSG Microporous NS series

100501



Product Code	100501
Product description	Lightweight disposable coverall for type 5 and 6 applications
Material	65 gsm microporous film laminate
Standard Style	Coverall with hood, elastic waist, wrists and ankles
Seam Type	3 thread over lockstitch
Colour	White



CE Standards	Description	Approved
EN 340: 2002	Protective Clothing: General Requirements	Yes
EN 13034: 2005	Protection from reduced spray of liquid chemicals – Type 6	Yes
EN 13982: 2004	Protection from hazardous dry particles – Type 5	Yes
EN 14605: 2004	Liquid Chemical protection: Garments with spray tight seams – Type 4	N/A
EN 14605: 2004	Liquid Chemical protection: Garments with spray tight seams – Type 3	N/A
EN 1149-5: 2003	Anti-static requirements (Surface Resistance)	Yes
EN 1073: 2002	Protection from radiation contaminated particulates	Yes
EN 14126: 2003	Protection against infective agents (tested of fabric only)	Yes

Physical Properties

Test No	Description	Units	Result	EN Class
EN 13934	Tensile Strength	N	79.87/34	2/1
EN 530	Abrasion Resistance	Cycles	>10<100	1
EN 863	Puncture Resistance	N	6.2	1
ISO 2960	Bursting Strength	KN/M ²	50.9	1
ISO 7854	Flex Cracking Resistance	Cycles	<40000	4
ISO 9073	Trapezoidal Tear Strength md/cd	N	28.1/19.4	2/1
ISO 9073	Trapezoidal Tear Strength md/cd	N	23.75	2
ISO 5082	Seam Strength	N	88.8	3

Particle Barrier – Aloxite Method*

Particle Size	Penetration %
1.0-1.5 mu	0
1.5-2.0 mu	0.28
2.0-2.5 mu	0.48
2.5-3.0 mu	0
3.0-3.5 mu	0
3.0-3.5 mu	0
>3.5 mu	0

*Applies to fabric only. Anomalies can occur if particles coagulate downstream of the fabric and are counted as larger particles.

Liquid Chemical Repellency and Permeation

Test No.	Description	Chemical	Repellency %	Penetration %
EN 368	Chemical Repellency (For Type 6 garments)	Sulphuric Acid 30%	Class 3	Class 3
		Sodium Hydroxide 10%	Class 3	Class 3
		O-Xylene	Class 2	Class 3
		Butan-1-ol	Class 2	Class 3