

RSG Cool Workwear

100601



Product Code	100601
Product Description	Lightweight disposable coverall for type 5 and 6 applications
Material	65msg microporous film laminate, with 55gsm SMMS polypropylene back panel
Standard Style	Coverall with Hood, elastic waist wrists and ankles.
Seam Type	Stitched and bound with blue CPE fabric
Colour	White with blue panel on the back



CE Standards	Description	MicroMax NS	Safeguard 76
EN 340: 2002	Protective Clothing: General Requirements	Yes	Yes
EN 13034: 2005	Protection from reduced spray of liquid chemicals – Type 6	Yes	Yes
EN 13982: 2004	Protection from hazardous dry particles – Type 5	Yes	Yes
EN 14065: 2005	Liquid Chemical protection : Garments with spray tight seams – Type 4	N/A	N/A
EN 14065: 2005	Liquid Chemical protection : Garments with spray tight seams – Type 3	N/A	N/A
EN 1149-1: 2005	Anti-static requirements (Surface Resistance)	Yes	Yes
EN 1073: 2002	Protection from radiation contaminated particulates	Yes	N/A
EN 14126: 2003	Protection against infective agents (tested on fabric only)	Yes	No

Physical Properties

Test No	Description	Units	NS Result	SG 76 Result	NS EN Class	SG 76 EN Class
EN 530	Abrasion Resistance	cycles	>10 <100	>10>10 0	1	1
EN 863	Puncture Resistance	N	6.2	6.1	1	1
ISO 2960	Bursting Strength	KN/M ²	50.9	-	1	-
ISO 7854	Flex Cracking Resistance	cycles	>115k< 40k	>100K	4	6
ASI 9073	Trapezoidal Tear Strength md/cd	N	40.6/16. 7	47.6/24. 5	3/1	3/2
EN 5082	Seam Strength	N	88.8	120.73	3	3
ERT 140.1	Air permeability	L/M ² /s	-	400	-	-

Particle Barrier – Aloxite Method*		
Particle Size	% Penetr. NG	% Penetr. SG 76
1.0 – 1.5 mu	0	3.65
1.5 – 2.0 mu	0.28	1.92
2.0 – 2.5 mu	0.48	0.70
2.5 – 3.0 mu	0	0.48
3.0 – 3.5 mu	0	0.31
>3.5 mu	0	0.25

*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	MicroMAX NS	Safeguard 76	MicroMAX NS	Safeguard 76
			Repellency %	Repellency %	Penetration %	Penetration %
EN 368	Chemical Repellency	Sulphuric Acid 30%	97.7	95.5	0	0
	(Type 6 garments)	Sodium Hydroxide 10%	99.1	97.6	0	0
		Hydrochloric Acid		97.4	0	-