

# RSG Cool Workwear

## 100601



Product Code	100601
Product description	Lightweight disposable coverall for type 5 and 6 applications
Material	65 gsm microporous film laminate, with 55 gsm 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	Microporous NS	Comfort Workwear
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 14605: 2004	Liquid Chemical protection: Garments with spray tight seams – Type 4	N/A	N/A
EN 14605: 2004	Liquid Chemical protection: Garments with spray tight seams – Type 3	N/A	N/A
EN 1149-5: 2003	Anti-static requirements (Surface Resistance)	Yes	1.3x10 <sup>9</sup>
EN 1073: 2002	Protection from radiation contaminated particulates	Yes	Yes
EN 14126: 2003	Protection against infective agents (tested of fabric only)	Yes	No

### Physical Properties

Test No	Description	Units	NS Result	CW Result	NS EN Class	CW EN Class
EN 13934	Tensile Strength	N	79.87/34		2/1	
EN 530	Abrasion Resistance	Cycles	>10<100	>10<100	1	1
EN 863	Puncture Resistance	N	6.2	6.2	1	1
ISO 2960	Bursting Strength	kPa	50.9	50.9	1	1
ISO 7854	Flex Cracking Resistance	Cycles	<40000	<40000	4	4
ISO 9073	Trapezoidal Tear Strength md/cd	N	28.1/19.4	28.1/19.4	2/1	2/1
ISO 9073	Trapezoidal Tear Strength md/cd	N	23.75	23.75	2	2
ISO 5082	Seam Strength	N	88.8	88.8	3	3
ERT 140.1	Air permeability	l/m <sup>2</sup> /s	88.8	88.8	-	-

### Particle Barrier – Aloxite Method\*

Particle Size	NS Penetration %	CW Penetration %
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
2.0-3.0 mu	0	0.48
2.0-3.5 mu	0	0.31
2.0-3.5 mu	0	0.31
>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	NS Repellency %	NS Repellency %	NS Penetration %	NS Penetration %
EN 368	Chemical Repellency (For Type 6 garments)	Sulphuric Acid 30%	Class 3	Class 3	Class 3	Class 3
		Sodium Hydroxide 10%	Class 3	Class 3	Class 3	Class 3
		O-Xylene	Class 2	-	Class 3	-
		Butan-1-ol	Class 2	-	Class 3	-