

RSG Microporous TS series

100802



Product Code	100802
Product Description	Lightweight disposable coverall for type 4, 5 and 6 applications
Material	65gsm microporous film laminate
Standard Style	Coverall with hood, elastic waist, wrists and ankles
Seam Type	Stitched and PE taped
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 14065: 2005	Liquid Chemical protection : Garments with spray tight seams – Type 4	Yes
EN 14065: 2005	Liquid Chemical protection : Garments with spray tight seams – Type 3	N/A
EN 1149-1: 2005	Anti-static requirements (Surface Resistance)	Yes
EN 1073: 2002	Protection from radiation contaminated particulates	Yes
EN 14126: 2003	Protection against infective agents (tested on fabric only)	Yes

Physical Properties

Test No.	Description	Units	Result	EN Class
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	>15k<40k	4
ASI 9073	Trapezoidal Tear Strength md/cd	N	40.6/16.7	3/1
EN 5082	Seam Strength	N	95.64	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	-
>3.5 mu	-

*Applies to fabric only and 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%	97.7	0
		Sodium Hydroxide 10%	99.1	0
EN 369	Chemical Permeation (For type 3 & 4 garments)	Sulphuric Acid 30%	Normalises Breakthrough in Minutes	
			Fabric	Seam
			45	-
		Sodium Hydroxide 10%	>540	42

Note: The latest version of EN 14605 (type 3&4) requires a chemical permeation test against the seam as well as the fabric.