

Technical Data Sheet

Micromax TS

Product Description	Lightweight disposable coverall for type 4,5 and 6 applications
Material	65 gsm microporous film laminate
Standard style	Coverall with Hood, elastic waist wrists and ankles * other styles available
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 liquid 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					Particle Barrier - Aloxite Method *	
Test No	Description	Units	Result	EN Class	Particle Size	% Penetration
EN 530	Abrasion Resistance	cycles	>10<100	1	1.0 - 1.5 mu	0
EN 863	Puncture Resistance	N	6.2	1	1.5 - 2.0 mu	0.28
ISO 2960	Bursting strength	KN/M ²	50.9	1	2.0 - 2.5 mu	0.48
ISO 7854	Flex Cracking Resistance	cycles	>15k<40k	4	2.5 - 3.0 mu	0
ASI 9073	Trapezoidal Tear Strength md/cd	N	40.6/16.7	3/1	3.0 - 3.5 mu	-
EN 5082	Seam Strength	N	95.64	3	> 3.5 mu	-

* 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%	97.7	0	
		Sodium Hydroxide 10%	99.1	0	
EN 369	Chemical Permeation (For Type 3 / 4 garments)	Sulphuric Acid 30%	45	-	
		Sodium Hydroxide 10%	>540	42	

Chemical	Normalises Breakthrough in minutes	
	Fabric	Seam
Sulphuric Acid 30%	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.
For a list of further chemicals tested please see product leaflets and information

**For Further information please contact
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