

Technical Data Sheet

Micromax

Product Description	Lightweight, high strength, premium quality disposable coverall for type 5 and 6 applications
Material	68gsm Microporous film laminate with strengthening nylon scrim
Standard Style	Coverall with Hood, elastic waist wrists and ankles * other styles available
Seam Type	CPE Bound
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	N/A
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	<500	2	1.0 - 1.5 mu	0
EN 863	Puncture Resistance	N	7.2	1	1.5 - 2.0 mu	0.28
ISO 2960	Bursting strength	KN/M ²	208.2	3	2.0 - 2.5 mu	0.48
ISO 7854	Flex Cracking Resistance	cycles	>40k	5	2.5 - 3.0 mu	0
ASI 9073	Trapezoidal Tear Strength md/cd	N	75.1/39.5	4/2	3.0 - 3.5 mu	0
EN 5082	Seam Strength	N	87.28	3	> 3.5 mu	0
ERT 140.1	Air permeability	L/M ² /s	0.03		* 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%	98.1	0
		Sodium Hydroxide 10%	98.5	0
		O Xylene	91.0	0
		Butan -1- ol	93.0	0
		Chemical	Normalises Breakthrough in minutes	
EN 369	Chemical Permeation (For Type 3 / 4 garments)	n/a	n/a	
<i>Note: The latest version of EN 14605 (type 3 & 4) requires a chemical permeation test against the seam as well as the fabric.</i>		n/a	n/a	
<i>For a list of further chemicals tested please see product leaflets and information</i>				

**For Further information please contact
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