

# Technical Data Sheet

## Safeguard 76

<b>Product Description</b>	Limited use coverall for dust and light liquid splash protection
<b>Material</b>	55 gsm SMMS polypropylene
<b>Standard Style</b>	Coverall with Hood, elastic waist wrists and ankles * other styles available
<b>Seam Type</b>	CPE Bound
<b>Colour</b>	White or Blue

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

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	3.65
EN 863	Puncture Resistance	N	6.1	1	1.5 - 2.0 mu	1.92
ISO 7854	Flex Cracking Resistance	cycles	>100k	6	2.0 - 2.5 mu	0.70
ASI 9073	Trapezoidal Tear Strength md/cd	N	47.6/24.5	3/2	2.5 - 3.0 mu	0.48
EN 5082	Seam Strength	N	120.73	3	3.0 - 3.5 mu	0.31
					> 3.5 mu	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	Repellency %	Penetration %
EN 368	Chemical Repellency	Sulphuric Acid 30%	95.5	0
	(For Type 6 garments)	Sodium Hydroxide 10%	97.6	0
		Hydrochloric Acid	97.4	0

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