

Technical Data Sheet

ChemMAX 1

Product Description	Lightweight disposable and cost effective chemical suit for protection against splashes and sprays of hazardous chemicals in type 3 and 4 applications
Material	78 gsm HD/PE barrier film laminate
Standard Style	Coverall with Hood, elastic waist wrists and ankles * other styles available
Seam Type	Stitched and PE Taped
Colour	Yellow

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 14605: 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	Yes
EN 1149-1: 2005	Anti-static requirements (Surface Resistance)	Yes
EN 1073: 2002	Protection from radiation contaminated particulates	N/A

Physical Properties				
Test No	Description	Units	Result	EN Class
EN 530	Abrasion Resistance	cycles	>100<500	2
EN 863	Puncture Resistance	N	10.9	2
ISO 2960	Bursting strength	KN/M ²	79.0	1
ISO 7854	Flex Cracking Resistance	cycles	>1000 <2500	1
ASI 9073	Trapezoidal Tear Strength md/cd	N	57.0/43.0	3
EN 5082	Seam Strength	N	112.5	3

Liquid Chemical Repellency and Permeation				
Test No	Description	Chemical	Repellency %	Penetration %
EN 368	Chemical Repellency (For Type 6 garments)	Sulphuric Acid 30%	97.6	0
		Sodium Hydroxide 10%	98.1	0
		O Xylene	94.9	0
		Butan-1-ol	94.6	0
		Chemical	Normalises Breakthrough in minutes	
			Fabric	Seam
EN 369	Chemical Permeation (For Type 3 / 4 garments)	Sulphuric Acid 30%	>480	>480
		Sodium Hydroxide 42%	>480	-

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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