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TECHNICAL DATA

“CHEMMASTER” RANGE

**PROTECTIVE CLOTHING AGAINST LIQUID CHEMICALS
- CLOTHING WITH LIQUID-TIGHT, [TYPE 3],
AND SPRAY-TIGHT, [TYPE 4], CONNECTIONS**

**TO THE REQUIREMENTS OF:-
BS EN 14605:2005+A1:2009**

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**PROTECTIVE CLOTHING AGAINST LIQUID CHEMICALS
- CLOTHING WITH SPRAY-TIGHT, [TYPE 4], CONNECTIONS**

**TO THE REQUIREMENTS OF:-
BS EN 14605:2005+A1:2009**

PROTECTIVE CLOTHING AGAINST LIQUID CHEMICALS
"CHEMMASTER" BOILERSUIT RANGE

- CLOTHING WITH LIQUID-TIGHT, [TYPE 3], AND SPRAY-TIGHT, [TYPE 4], CONNECTIONS

Material:- 380g/m² Plasticised PVC, coated on both sides of substrate, and pigmented.

Standard:- BS EN 14605:2005+A1:2009
 Protective Clothing, Protection Against Liquid Chemicals.
 Performance Requirements For Clothing With Liquid-Tight [Type 3] Or Spray-Tight, [Type 4],
 Connections, Including Items Providing Protection To Parts Of The Body Only [Types PB [3]
 And PB [4]]

Performance:- Laboratory results, when tested in accordance with the requirements of
 BS EN 14605:2005+A1:2009, the material/garment shall achieve the performance
 classifications as indicated below.

EN 14325 Clause	Test	Test Method	Test Result	Classification
4.4	Abrasion Resistance	EN 530	> 2,000 Cycles	Class 6
4.5	Flex Cracking Resistance	EN ISO 7854	> 40,000 Cycles	Class 5
4.7	Tear Resistance [Trapezoidal]	EN ISO 9073-4	> 20 N	Class 2
4.9	Tensile Strength	EN ISO 13934-1	> 500 N	Class 5
4.10	Puncture Resistance	EN 863	> 50 N	Class 3
4.11	Resistance To Permeation	EN 374-3 ⁽¹⁾ or EN ISO 6529 ⁽²⁾		
	<u>Material</u>			
	Control Chemical #1:- 50 wt% Sodium Hydroxide ⁽¹⁾		B.T. >480 mins.	Class 6
	Control Chemical #2:- 98 wt% Sulphuric Acid ⁽¹⁾		B.T. >60 mins.	Class 3
	<u>Seam</u>			
	Control Chemical #1:- 50 wt% Sodium Hydroxide ⁽¹⁾		B.T. >480 mins.	Class 6
	Control Chemical #2:- 98 wt% Sulphuric Acid ⁽¹⁾		B.T. >60 mins.	Class 3
Note 1: Other chemicals have been tested. Please contact supplier for further information. Note 2: Breakthrough times on seams may be lower than on fabric.				
5.5	Seam Strength	EN ISO 13935-2	> 500 N	Class 6

EN 14605 Clause	Test	Test Method	Test Result	Classification
4.3.4.2	Resistance To Penetration By Liquids [Spray Test]	EN ISO 17491-4	PASS	PASS
4.3.4.3	Resistance To Penetration By Liquids [Jet Test]	EN ISO 17491-3	PASS	PASS
Note 3: Whole suit type testing, EN ISO 17491-4 & EN ISO 17491-3, has been conducted with face, wrists, ankles and closures sealed with a 'Chemical' tape. Note 4: All tests were performed independently and are a reflection of the performance of the 'as new' fabric/garment only in controlled laboratory conditions. Results are not intended to give any idea of "safe use" for the garment.				

PROTECTIVE CLOTHING AGAINST LIQUID CHEMICALS
"CHEMMASTER" BOILERSUIT RANGE
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EN 14605 Clause	Test	Test Method	Test Result	Classification
4.3.4.2	Resistance To Penetration By Liquids [Spray Test]	EN ISO 17491-4	PASS	PASS
Note 3: Whole suit type testing, EN ISO 17491-4, has been conducted with face, wrists, ankles and closures sealed with a 'Chemical' tape. Note 4: All tests were performed independently and are a reflection of the performance of the 'as new' fabric/garment only in controlled laboratory conditions. Results are not intended to give any idea of 'safe use' for the garment.				