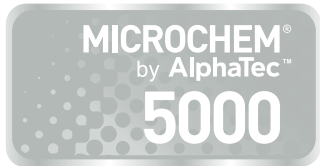


MICROCHEM[®] by AlphaTec[™] 5000



MICROCHEM[®] by AlphaTec[™] 5000 reaches new levels in chemical protection and has been engineered to protect. The highly visible multi-layer fabric is strong, durable and suitable for workers in extremely hazardous areas, including HAZMAT response teams.

Features & Benefits

Protection - Barrier to numerous organic and inorganic chemicals and biological hazards. >480 minutes breakthrough time against 14 of 15 chemicals listed in EN ISO 6529. Fully encapsulated versions are also available.

Comfort - Multi-layer material which is lightweight, yet strong and durable

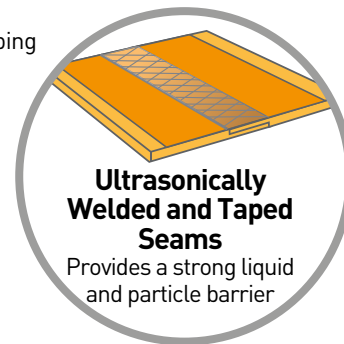
Highly visible - Bright orange color for improved worker safety

Anti-static - Tested according to EN 1149-5 and AATCC 76

Designed to protect - Innovative design features include liquid-tight dual zip designs without the need for additional taping

Applications

- Industrial and tank cleaning
- Sewage purification installations
- Chemicals
- Oil and petrochemicals
- Pharmaceuticals
- Mining
- Agriculture
- HAZMAT Emergency Response (i.e. Level B)
- First response and fire service



Protection Levels & Additional Properties



TYPE 3-B



TYPE 4-B



TYPE 5-B



EN 1073-2



EN 1149-5
AATCC 76



EN 14126
ASTM F1671

CAUTION: This product contains natural rubber latex which may cause allergic reactions.

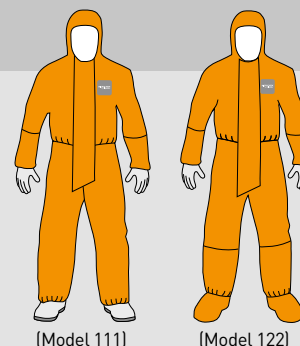
Style 68-5000

Suit Features

- 2 piece hood
- Double zip closure
- Double cuffs with knitted inner cuff
- Elasticated hood, outer cuffs, waist (with elasticated ankles - Model 111)
- Integrated socks with boot overflap (Model 122)

Sizes: S-5XL (02-09)

Color: Orange



CATALOG #: Model 111: **OR50-T-92-111** | Model 122: **OR50-T-92-122**

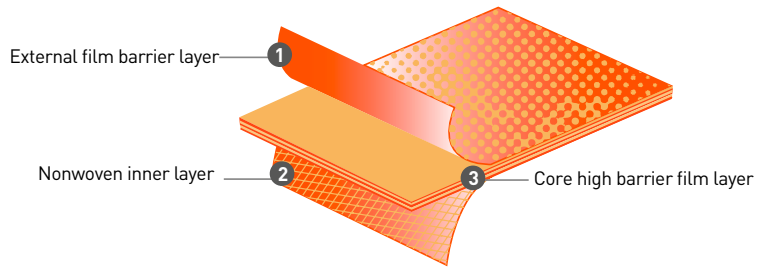
MICROCHEM by AlphaTec - Ansell - North America
111 Wood Avenue, Suite 210, Iselin, NJ 08830
USA: 1-800-800-0444 Canada: 1-800-363-8340

www.ansell.com

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MICROCHEM[®]
by **AlphaTec[™]**

Technical Data



This highly visible innovative material is strong, durable and suitable for workers in extremely hazardous areas, including HAZMAT response teams.

5000 is extensively tested according to North American, European and International standards for both physical and barrier performance. More information is available to download from our website www.ansell.com

Fabric Physical Properties	Test Method	Units	Results
Tensile strength (MD)	ASTM D5034	lbs	69.8
Tensile strength (CD)			62.7
Tear resistance (MD)	ASTM D5733	lbs	12.4
Tear resistance (CD)			17.7
Burst strength	ASTM D3787	lbs	>250
Puncture propagation tear resistance	ASTM D2582	N	31.9
Flame spread	16 CFR §1610	sec	DNI
		(class)	(1)
Surface resistance at RH 25%	EN 1149-1	Ohms	<2.5 x 10 ⁹
Biological Barrier Properties - 5000 test data for resistance to penetration of infective agents and blood borne pathogens is detailed below.			
Property	Test Method	Result	
Resistance to penetration by blood borne pathogens	ISO 16604	Pass to 20kPa	
Resistance to penetration by blood borne pathogens	ASTM F1671	Pass	
Resistance to wet bacterial penetration (mechanical contact)	ISO 22610	No penetration (up to 75 mins)	
Resistance to biologically contaminated aerosols	ISO/DIS 22611	No penetration	
Resistance to dry microbial penetration	ISO 22612	No penetration	