

MICROCHEM[®]
by AlphaTec™ **3000**

MICROCHEM[®]
by AlphaTec™
3000



MICROCHEM[®] by AlphaTec™ 3000 is one of the lightest and most comfortable chemical protective materials on the market today. This durable multi-layer fabric provides an extremely effective barrier against both inorganic chemicals and biological hazards.

Features & Benefits

Protection - Multi-layer barrier fabric effective against numerous chemicals

Highly visible - Bright yellow for improved worker safety

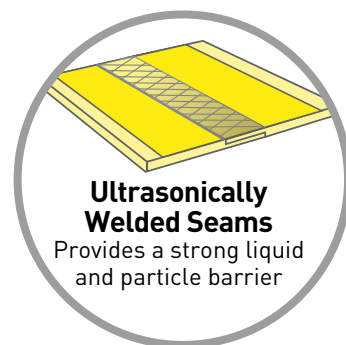
Comfort - Lightweight yet durable

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

Designed to protect - Typical overall features include dual zip systems and double cuffs

Applications

- Chemicals
- Oil and petrochemicals
- Pharmaceutical
- Food industry (caustic clean downs)
- Sewage purification installations
- Industrial and tank cleaning
- Mining



Ultrasonically Welded Seams
Provides a strong liquid and particle barrier

Protection Levels & Additional Properties



TYPE 3-B



TYPE 4-B



TYPE 5-B



EN 14126
ASTM F1671



EN 1073-2



EN 1149-5
AATCC 76

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

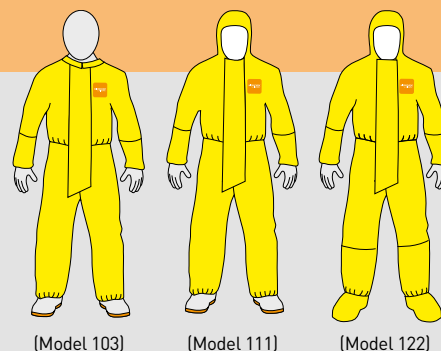
Style **68-3000**

Suit Features

- Collar (Model 103)
- 2 piece respirator fit hood (Model 111, 122)
- Double zip closure
- Double cuffs
- Elasticated hood, waist, double cuffs and ankles
- Integrated socks with boot overflap (Model 122)
- Also available in Models 113, 147, 156 and 162, please see catalog

Sizes: S-5XL (02-09)

Color: Yellow



CATALOG #: Model 103: **YE30-W-92-103** | Model 111: **YE30-W-92-111** | Model 122: **YE30-W-92-122**

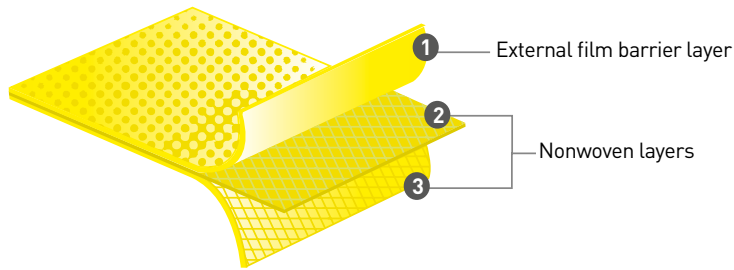
MICROCHEM by AlphaTec - Ansell - North America
111 Wood Avenue, Suite 210, Iselin, NJ 08830
USA: 1-800-800-0444 Canada: 1-800-363-8340

www.ansell.com

© and ™ are trademarks owned by Ansell Limited. © 2015 Ansell Limited. All Rights Reserved.


MICROCHEM[®]
by **AlphaTec™**

Technical Data



One of the lightest and most comfortable chemical protective garments on the market today this durable 3 layer fabric provides an extremely effective barrier against both inorganic chemicals and biological hazards.

3000 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	44.0
Tensile strength (CD)			30.9
Tear resistance (MD)	ASTM D5733	lbs	22.8
Tear resistance (CD)			9.2
Burst strength	ASTM D3787	lbs	135
Puncture propagation tear resistance	ASTM D2582	N	30.3
Flame spread	16 CFR §1610	sec	7.8
		(class)	(1)
Surface resistance at RH 25%	EN 1149-1	Ohms	<2.5 x 10 ⁹
Comfort Properties	Test Method	Units	Results
Thermal resistance	ISO 11092	M ² K W ⁻¹	17.9 x 10 ⁻³

Biological Barrier Properties - 3000 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

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

© and ™ are trademarks owned by Ansell Limited. © 2015 Ansell Limited. All Rights Reserved.