



MICROCHEM® by AlphaTec™ 4000 is designed to provide an exceptional barrier against organic and inorganic chemicals as well as biological agents.

Features & Benefits

Protection - Permeation tested against over 190 chemicals, including chemical warfare agents. Fully encapsulated versions are also available

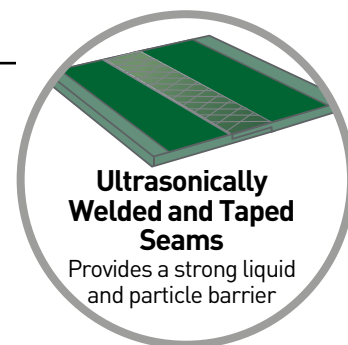
Comfort - Textile like inner improves wearer acceptance

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

Designed to protect - Typical coverall features include color coded dual zip systems and double cuffs

Applications

- Chemical handling / transportation
- Oil-based mud protection
- Hazardous waste remediation
- Sewage purification installations
- Industrial / tank cleaning
- HAZMAT Emergency Response (i.e. Level B)
- Pharmaceutical
- Mining
- Agriculture



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 **68-4000**

Suit Features

- 2 piece respirator fit hood
- Double zip closure
- Double cuffs with knitted inner cuff
- Elasticated hood, outer cuffs, waist (with elasticated ankles - Model 111)
- Integrated socks with boot overlap (Model 122)
- Also available in fall-protection compatible version (Model 162 - please see catalog)

Sizes: S-5XL (02-09)

Color: Green



(Model 111)



(Model 122)

CATALOG #: Model: **GR40-T-92-111** | Model: **GR40-T-92-122**

MICROCHEM by AlphaTec - Ansell - North America

111 Wood Avenue, Suite 210, Iselin, NJ 08830

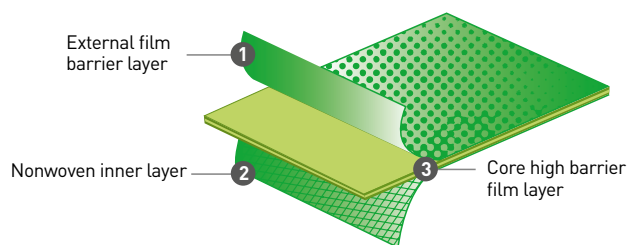
USA: 1-800-800-0444 Canada: 1-800-363-8340

www.ansell.com

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MICROCHEM®
by **AlphaTec™**

Technical Data



A unique multi-layer barrier fabric renowned for its lightweight, yet robust textile feel and exceptional barrier to organic & inorganic chemicals.

4000 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	66.6
Tensile strength (CD)			51.4
Tear resistance (MD)	ASTM D5733	lbs	29.4
Tear resistance (CD)			21.1
Burst strength	ASTM D3787	lbs	158
Puncture propagation tear resistance	ASTM D2582	N	29.4
Flame spread	16 CFR §1610	sec	DNI
		(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	M² K W ⁻¹	16.8 x 10 ⁻³
Biological Barrier Properties - 4000 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

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