

MICROCHEM[®]
by AlphaTec™

1500 PLUS FR

MICROCHEM[®]
by AlphaTec™
1500 PLUS
FR



MICROCHEM[®] by AlphaTec™ 1500 PLUS FR is a highly breathable, flame retardant and anti-static SMMS polypropylene nonwoven designed for protection from particulates and light, non-flammable liquid spray or splash*.

*Must be worn over thermal protective garments, such as NOMEX[®] or PYROVATEX[®], and never be worn next to the skin.

Features & Benefits

Protection - Flame retardant and anti-static SMMS nonwoven provides a good barrier to particulates and low hazard liquid sprays or splashes

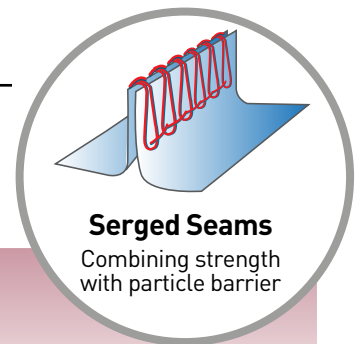
Comfort - Air and water vapor permeable ("breathable") to help reduce the risk of heat stress

Anti-static - Tested according to EN1149-5

Optimized Body Fit - Ensures full freedom of movement when worn over heat and flame protective clothing [EN ISO 14116 Index 2 or above].

Applications

- Petrochemical Industry
- Industrial Cleaning
- Utilities
- General Maintenance



Protection Levels & Additional Properties



TYPE 5



TYPE 6



EN 1073-2



EN ISO 14116
INDEX 1/0/0



EN 1149-5
AATCC 76

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

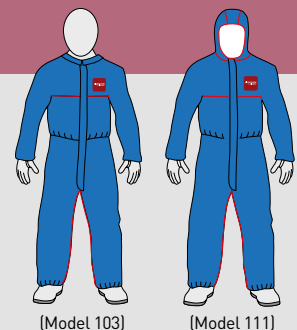
Style 68-1500 PLUS FR

Suit Features

- Collar (Model 103)
- 3-piece hood (Model 111)
- 2-way front zipper with resealable storm flap
- Finger loops
- Elasticated wrists, waist and ankles
- Red stitching for ease of identification

Sizes: M-5XL (02-09)

Color: Navy and red



CATALOG #: Model 103: **NR17-S-92-103** | Model 111: **NR17-S-92-111**

MICROCHEM by AlphaTec - Ansell - North America

111 Wood Avenue, Suite 210, Iselin, NJ 08830

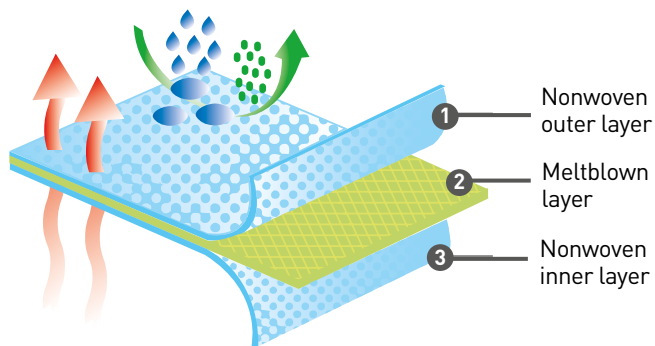
USA: 1-800-800-0444 Canada: 1-800-363-8340

www.ansell.com

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

MICROCHEM[®]
by **AlphaTec**[™]

Technical Data



Intended to be worn over heat and flame protective clothing, 68-1500 PLUS FR offers wearers protection from particulates (Type 5) and non-flammable, non-pressurised liquid sprays or splashes (Type 6)*

Fabric Physical Properties	Test Method	Units	Results
Tensile strength (MD)	ASTM D5034	lbs-f	35.71
Tensile strength (CD)			27.89
Tear resistance (MD)	ASTM D5733	lbs-f	12.07
Tear resistance (CD)			9.73
Burst strength	ASTM D3787	lbs-f	30
Air permeability	ATM D737	ft ³ /ft ² /min	>40
Moisture vapor transmission	ASTM E96, Method B	g/m ² x 24hr	>1,000
Flame spread	16 CFR §1610	sec	DNI
		(class)	(1)
Surface Resistivity (at 70°F and 40%R.H.)	Test Method	Units	Results
External/internal surface	AATCC 76	ohms/square	<5 x 10 ¹⁰
Surface Resistivity (at 70°F and 20%R.H.)	Test Method	Units	Results
External/internal surface	AATCC 76	ohms/square	<5 x 10 ¹⁰
Thermal Properties	Test Method	Units	Results
Vertical flammability	NFPA 701: 1989 Small Scale	-	Pass
	NFPA 701: 1999	-	Pass
Flame Spread	ISO 15025 Procedure A	-	Index 1
After flame	ASTM F1930	Sec	<2.0

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.