

CORRECT WEARING OF CHEMICAL PROTECTIVE CLOTHING

Type 1a AlphaTec® reusable gas-tight suits

CHEMICAL⁺ Protection



Prior to donning

- Make sure the suit is pressure/leak tested and undamaged
- Make sure the suit and gloves have the correct size
- Apply anti-fog visor or anti-fog gel to the inside of the suit visor
- Apply anti-fog gel to the outside of the face mask visor
- Wear undergarments suited for the situation, e.g. station wear or fire turn-out gear
- If cold weather or risk of contact with cold chemicals, wear insulating underwear



Donning footwear

- Always have an assistant to help you while donning
- Use a designated changing area, away from the contamination zone
- Sitting down, put both legs into the suit and into the sewn-in socks or attached boots
- If sewn-in socks, put on the red silicone oversocks and then put on the safety boots
- Adjust the splash guard over the boot shaft



Donning the breathing apparatus

- Standing up, let the assistant help you to put on the SCBA cylinders
- Put on the face mask
- Open the SCBA air flow



Donning helmet and comfort gloves

- Put on the helmet
- Let your assistant check that it is secured
- Put on the comfort gloves



Donning hump and gloves

- Insert right arm into right sleeve and glove
- Pull the hood over your head and the hump over the cylinder
- Insert left arm into left sleeve and glove
- Adjust the gloves

Best Practice - In Use

During the intervention:

- Minimize the exposure to chemicals
- Avoid direct contact with the chemicals as far as possible
- Suit ventilation is not required according to the product standard, but Ansell recommends the use of it
- Never use 100 litres/minute ventilation rate if only the SCBA cylinder is used, as this will empty the air quickly, leaving the user without breathing air and risk of suffocation

Best Practice - After Use

- After response in a hazardous environment, the suit must be decontaminated before taking it off, to protect the wearer from contamination
- Follow recommended decontamination guidelines
- Make sure to have an assistant for the decontamination
- Take off the suit in reverse order of that described for donning



Connecting the suit ventilation

- Connect the ventilation hose to the inlet of the regulating valve, if your suit is fitted with ventilation



Closing the zipper

- Close the zipper
- Pull the zipper straight, using two hands
- Never force it! If it jams, gently pull it back and try again
- Make sure the zipper is fully closed
- Fold the splash guard over the zipper and secure with the velcro



Final checks

- Assistant and wearer check the suit for fit and comfort

READ AND UNDERSTAND MANUFACTURER'S INSTRUCTIONS, PAYING CAREFUL ATTENTION TO SAFETY CONSIDERATIONS, WARNINGS AND LIMITATIONS OF THE PRODUCT

For further information on chemical protection, please contact your local Ansell representative or for chemical permeation data, visit www.ansellguardianpartner.com/chemical
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