

CORRECT WEARING OF CHEMICAL PROTECTIVE CLOTHING

Type 1b AlphaTec® reusable gastight 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
- Install and/or adjust the elastic band inside the hood to ensure a tight fit of the face seal around the face
- 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



Hood adjustment

- The elastic band shall be attached inside the hood before the suit is donned
- When fitted, the band enables adjustment of the face seal
- The band is shaped as a cross. Place the cross "upside down" (sewn arrow pointing down)
- Attach the band in the loops inside the hood, using the velcro closing
- Pre-check how the hood fits before the final donning



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 gloves and hood

- Put on the comfort gloves
- Standing up, insert right arm into right sleeve and glove
- Insert left arm into left sleeve and glove and adjust the gloves
- Pull the hood over your head and adjust the face seal



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

Best Practice - In Use

During the intervention:

- Minimise the exposure to chemicals
- Avoid direct contact with the chemicals as far as possible
- If risk for jets of liquid chemicals, use the AlphaTec® Mini Hood
- 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



Donning the breathing apparatus

- Put on the breathing apparatus, except the mask
- Connect the ventilation hose to the inlet of the regulating valve, if your suit is fitted with ventilation



Donning face mask and helmet

- Position the face mask on top of the grey face seal
- Starting at the chin, make sure the face seal tightens against the face seal - not to the suit material
- Pull the harness over the head and tighten the straps
- Check mask position and make sure there are no folds on the face seal, which can cause leakage
- Put on the helmet



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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