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Asia Pacific Region
Ansell Global Trading Center
(Malaysia) Sdn Bhd
Prima 6, Prima Avenue
Block 3512, Jalan Teknokrat 6
63000 Cyberjaya
Selangor, Malaysia
T: +60 3 8310 6688
F: +60 3 8318 6699

Latin America & Caribbean Region
Ansell Commercial México S.A. de CV
Bvld. Bernardo Quintana No. 7001-C,
Q7001 Torre II,
Suites 1304, 1305 y 1306,
Col. Centro Sur, C.P. 76079
Querétaro, Qro. México
T: +52 442 248 1544 / 248 3133

Europe, Middle East & Africa Region
Ansell Healthcare Europe NV
Riverside Business Park
Blvd International, 55
1070 Brussels, Belgium
T: +32 2 528 74 00
F: +32 2 528 74 01

North America Region
Ansell Healthcare Products LLC
111 Wood Avenue South,
Suite 900
Iselin, NJ 08830, USA
T: +1 800 800 0444
F: +1 800 800 0445
Australia
Ansell Limited
Level 3, 678 Victoria Street,
Richmond, Vic, 3121
T: +61 1800 337 041
F: +61 1800 803 578

For additional information visit us at www.ansell.com, or call us at:

Version 15.11.24



Pressure Test Adaptor Plug Kit

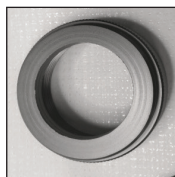
User Instructions

Part code:
AC01-P-00-061-00
AC01-P-92-061-00

The following parts are essential for performing a leak-tightness test on AlphaTec® & MICROCHEM® Gas-Tight suits. Not supplied but also required is 6mm OD air tubes and appropriate connectors for the test unit.



Exhalation sealing plug x 1

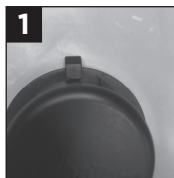


Retaining collar x 2



Inflation and detection plug x 1

Exhalation valve cover removal



Lay the suit out on a flat surface and locate the exhalation valves on the reverse of the hood.

When removing the valve cover, DO NOT hold the inner valve retaining collars as this may loosen the valve from the suit.

Step 1: To remove outer valve cover, first rotate cover clockwise so the cover lug is 6-8 mm past the valve body stop

Step 2: Carefully insert a thin blade (do not use a knife) between the cover lug and the body stop. DO NOT try to lever the lug and valve body stop apart as this could damage the exhalation valve.

Step 3: Slowly turn valve cover anti-clockwise over the blade, this allows the cover lug to move past the body stop. Repeat this action until the valve cover is unscrewed from the valve body. Repeat Steps 1-3 for removing the valve cover on the second exhaust valve.

Sealing Plug fitment to one exhaust valve body

Step 4: Insert the Exhalation sealing plug and push into the valve body on one of the exhaust valves

Step 5: Place the retaining collar over the Exhalation sealing plug and tighten clockwise.



Inflation adaptor fitment to the second exhaust valve body

Step 6: Carefully remove the diaphragm from the second exhalation valve by pulling the centre lug upwards.

Step 7: Push the Inflation and Detection plug into the valve body and tighten the retaining collar clockwise.

Step 8: Securely connect two 6mm OD air tubes (not supplied) to the Inflation and detection plug and pressure test the suit in accordance with EN 464 test method. Once the test is complete unscrew the retaining collar anti-clockwise and remove the inflation adaptor and sealing plug.

Step 9: Ensure that the removed diaphragm is clean and free from dust. To re-fit, push diaphragm centre over the retaining pin in the valve body.

Step 10: Refit the exhalation valve covers taking care not to cross thread. Screw the valve cover clockwise onto the valve body, turning the cover until there has been 3 clicks on the cover lug and valve body stop.

