

Instructions for Model 8025-AVON Fit Test Adapter Kit for AVON Gas Masks and U.S. Military M50, M51, M53 Gas Masks

This fit test adapter kit is designed to allow AVON FM12, S10, and C50 military gas masks (equipped with drinking tubes) and other AVON gas masks to be quantitatively fit tested using a TSI PORTACOUNT[®] Respirator Fit Tester. It will also fit the U.S. Military M50, M51, M53, and similar gas masks that use the new style drink tube coupler. Disposable parts are included for 200 fit tests.

Parts included with the 8025-AVON Fit Test Adapter Kit

Quantity	Description
2	AVON Drink Tube Adapter (800577)
400	Clear PVC Tube, 1/8 ID x 5/8 inch Long
400	Barbed Elbow Fitting
1	High-efficiency filter with 40-mm thread (mfg. may vary)
1	Instruction Sheet (this document)

Order Refill Kit 801633 for additional Elbow Fittings and PVC Tubes (400 each).

Parts Identification (high-efficiency filter not shown)



Barbed Elbow Fitting



5/8 inch PVC Tube



AVON Drink Tube Adapter

Assembling the Drink Tube Extension

Use two (2) Barbed Elbow Fittings and two (2) 5/8-inch PVC Tubes to assemble the Drink Tube Extension as shown.

The purpose of the Drink Tube Extension is to prevent the person being fit tested from inadvertently blocking the end of the drink tube with his or her mouth or lips.



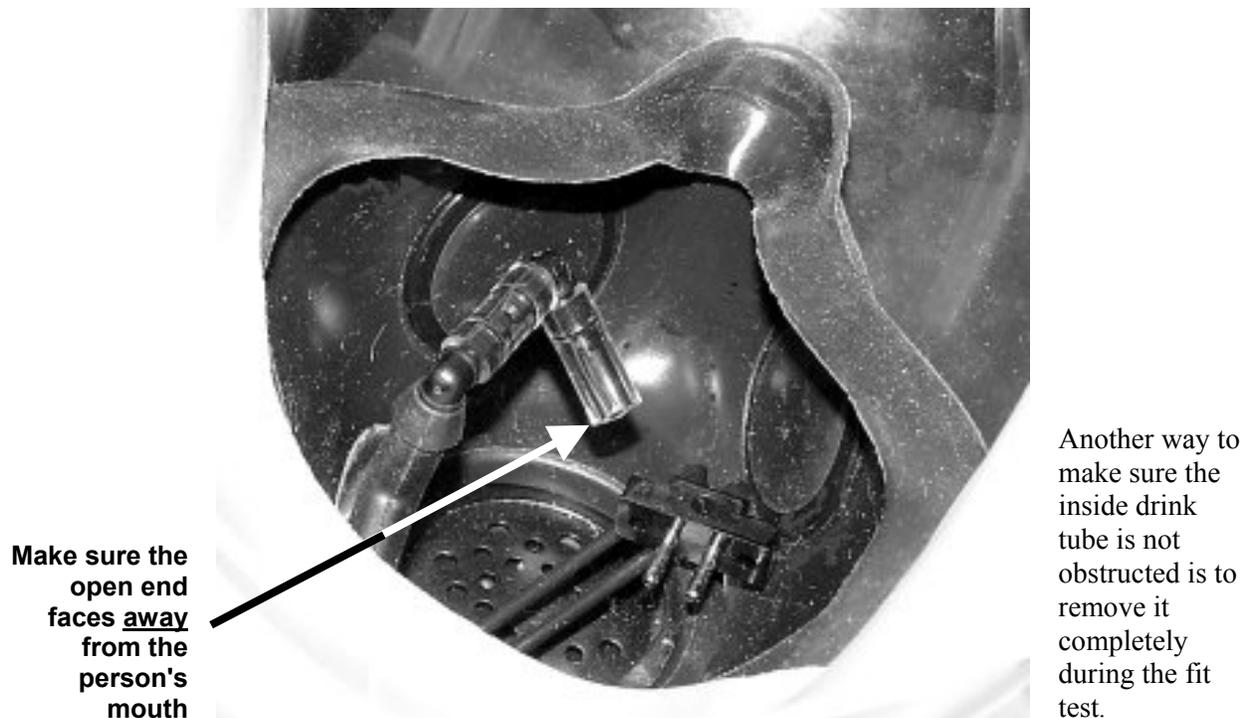
Drink Tube Extension



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Installing the Drink Tube Extension

Insert the barbed end of the Drink Tube Extension onto the end of the drink tube inside the mask. Turn it so that the open end faces away from the person's mouth. This prevents accidental blockage of the drink tube while the PORTACOUNT draws an air sample.



WARNING: Make certain that the drink tube does not contain water or any other liquids prior to attaching the PORTACOUNT sample hose. Liquids will damage the PORTACOUNT.

Connecting the Drink Tube Adapter

Connect the barbed fitting on the Drink Tube Adapter to the clear PORTACOUNT mask sample tube.

Unwrap the drink tube from the mask and insert the fitting firmly into the Drink Tube Adapter.

Make sure it remains fully inserted at all times during fit testing.

Older style adapter shown



Open the Drink Valve

Turn the drink valve lever to the open position to allow the PORTACOUNT to draw an air sample. **Failure to open the valve results in artificially high fit factors.**



Attach High-Efficiency Filter

Military and CBRN canister filters contain carbon particles that may come loose and lower the fit factor. Use the high-efficiency filter provided with this kit to avoid that problem.

WARNING: Make certain that the drink tube does not contain water or any other liquids prior to attaching the PORTACOUNT sample hose. Liquids will damage the PORTACOUNT.

Start the Fit Test

Have the person being tested put the mask on and then **wait at least 60 seconds** before starting the fit test. This allows ambient particles to clear from inside the mask.



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