

Respirator Fit Testing



Features and Benefits

- Easy to use
- Permits quantitative fit testing in the employee's own respirator. No more shared test respirators!
- Allows mask integrity check while fit testing
- Eliminates the need to sanitize between fit tests because the parts that are exposed to exhaled air are disposable

Fit Test Adapters

Model 8025

TSI Model 8025 Fit Test Adapters provide an easy, practical alternative to the probed method of quantitative respirator fit testing. These fit test adapters enable individuals to be quantitatively fit tested in their own respirators. The test adapters yield the same results as fit tests using the conventional probed respirator technique. The adapters offer you the advantage of being able to test the integrity of the individual's assigned respirator while also verifying donning competence and facepiece sizing. Hygienic concerns associated with using a shared test respirator are reduced because the individual uses his/her assigned respirator. Because the fit test adapter components that are exposed to exhaled air are disposable, there is no need to sanitize between fit tests.

How It Works

The fit test adapter connects between the respirator facepiece and the filter cartridge. A PORTACOUNT® Pro or Pro+ Respirator Fit Tester samples through a fitting located on the outside of the adapter which, in turn, connects to a small sample tube on the inside of the adapter. The sample tube passes through the respirator inhalation valve and is firmly positioned via a small suction cup and clip so that a sample can be drawn directly

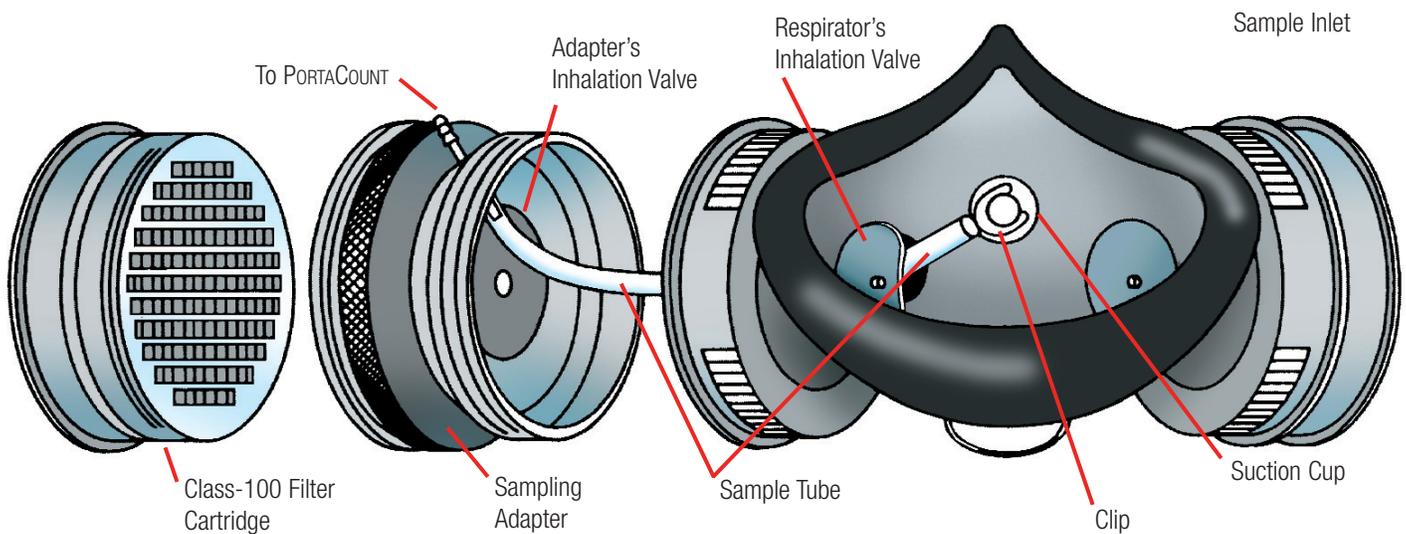


from the breathing zone of the respirator. The adapter incorporates its own inhalation valve, thereby allowing the respirator to function normally while the original valve is temporarily rendered inoperative by the sample tube. Standard quantitative fit testing procedures can be followed.

Once the fit test is completed, the test adapter is removed and the sample tube, suction cup and clip that have been exposed to the individual's exhaled air, are discarded. This eliminates the need to sanitize any parts between fit tests. Adapters come with supplies for 200 fit tests¹. Additional supplies can be purchased separately.

¹ Adapter designs vary. Some do not use disposable components.

TSI, the TSI logo, and PORTACOUNT are trademarks of TSI Incorporated.



Exploded view showing how a typical fit test adapter is installed onto a respirator. Individual adapters differ in design.

TSI Incorporated - 500 Cardigan Road, Shoreview, MN 55126-3996 USA
 USA Tel: +1 800 874 2811 E-mail: info@tsi.com Website: www.tsi.com
 UK Tel: +44 149 4 459200 E-mail: tsiuk@tsi.com Website: www.tsiinc.co.uk
 France Tel: +33 491 95 21 90 E-mail: tsifrance@tsi.com Website: www.tsiinc.fr
 Germany Tel: +49 241 523030 E-mail: tsigmbh@tsi.com Website: www.tsiinc.de
 India Tel: +91 80 41132470 E-mail: tsi-india@tsi.com
 China Tel: +86 10 8260 1595 E-mail: tsibeijing@tsi.com



TRUST. SCIENCE. INNOVATION.

Contact your local TSI Distributor or visit our website www.tsi.com for more detailed specifications.