



# Facepiece Fit Test Accessories

[ Easy, effective and cost-efficient ]

---

## FEATURES

---

- Easy, effective and cost-efficient way to ensure proper fit of MSA tight-fitting half-mask and full- facepiece respirators.
- Testing can be done in accordance with Occupational Safety and Health Administration (OSHA) protocols.
- Accessories available for both qualitative and quantitative fit-testing programs.
- QuikChek™ Series Adapters attach easily to MSA facepieces; eliminate need for special probed facepieces for quantitative tests.



---

## DESCRIPTION

---

The Occupational Safety and Health Administration (OSHA) requires fit tests to ensure proper fit for workers who use respirators. There are two accepted methods to verify an adequate face-to-facepiece seal: quantitative and qualitative testing.

Quantitative testing methods rely on objective data to determine a proper fit. With this type of test, special facepiece adapters or probed facepieces allow air samples to be drawn from inside a facepiece to determine if there are any breaks in the facepiece seal. As a result, the test produces quantifiable results.

Qualitative fit test methods are subjective in nature and rely on the judgment of the test subject. A proper fit is determined if the respirator wearer does not detect the taste or odor of a test solution in a controlled environment.

MSA offers a wide range of accessories for both test programs.

## ORDERING INFORMATION

### Qualitative Fit Test Kits

Both the Bitrex and Saccharin Qualitative Fit Test Kits contain everything needed to implement a qualitative respirator fit test program in accordance with OSHA requirements. The kits include a test hood, two nebulizer bulbs, fit-test solution, sensitivity solution and two replacement sets of nebulizer inserts. Also included is a 10-minute videotape detailing the requirements for performing OSHA's Bitrex or Saccharin Qualitative Fit Test protocol.

Part No.	Description
697287	Saccharin QLFT Kit
697444	Bitrex QLFT Kit
697285	Replacement (Saccharin) Sensitivity Test
697445	Solution, 55 ml bottle (Bitrex)
697286	Replacement Fit-Test (Saccharin) Solution, 55 ml bottle
697446	Replacement Fit-Test (Bitrex) Solution, 55 ml bottle
697447	#1 Sensitivity Nebulizer
697459	#2 Fit-Test Nebulizer
697448	Test Hood (Same for Both)
697325	"Using the Qualitative (Saccharin) Fit Test Kit" videotape
697449	"Using the Qualitative (Bitrex) Fit-Test videotape

### Banana Oil Fit Test Kit

MSA's Banana Oil Fit Test Kit differs from the other kits in that it relies on a test subject's ability to detect a 95 percent pure solution of Isoamyl Acetate (banana oil). It includes a clear polyethylene bag, a 24-inch diameter top frame with spring clamp, eyebolt and pulley, a 50-foot cord, four one-liter glass jars with metal lids, one eye dropper, a syringe, Isoamyl Acetate solution and detailed instructions on how to conduct the test according to OSHA protocol.

Part No.	Description
801628	Qualitative Fit Test Kit
801629	Qualitative Fit Test Kit, in rugged Pelican case

**Note:** This Bulletin contains only a general description of the products shown. While uses and performance capabilities are described, under no circumstances shall the products be used by untrained or unqualified individuals and not until the product instructions including any warnings or cautions provided have been thoroughly read and understood. Only they contain the complete and detailed information concerning proper use and care of these products.



ID 1000-16-MC / Jun 2002

© MSA 2002 Printed in U.S.A.

### QuikChek™ I Adapter

Designed especially for use with MSA respirators equipped with demand-style Ultravue® Full Facepieces, the QuikChek I Adapter allows **quantitative** fit testing without the need for a special probed facepiece.

Part No.	Description
802710	QuikChek I Fit Test Adapter
82382	Exhalation valve cover, required for Advantage 100 Respirators
803196	Replacement Kit with 25 feet of sampling tubing and 25 connectors, clips and suction cups

### QuikChek™ II Adapter

The QuikChek II Fit Test Adapter allows **quantitative** fit testing of any Comfo® II, Comfo Classic®, Comfo Elite®, Duo-Twin™ or Ultra-Twin® Respirator. Preassembled, the adapter attaches quickly to the facepiece by threading it into the cartridge receptacle of these twin-cartridge respirators.

Advantage® 200 LS, Advantage® 1000 and Advantage® 3000 Twin Port Respirators also can be used with the QuikChek II Adapter when equipped with a special cartridge receptacle adapter.

Part No.	Description
812022	QuikChek II Fit Test Adapter
803196	Replacement Kit with 25 feet of sampling tubing and 25 connectors, clips and suction cups
809999	Adapter for Advantage Series Respirators

### QuikChek™ III Adapter

The QuikChek III Adapter is specially designed for Ultra Elite® Full Facepieces equipped with a coupling nut. The QuikChek III model threads directly into the facepiece inlet. For completion of a **quantitative** fit test, an OptiFilter® XL Cartridge must then be threaded into the QuikChek III Adapter.

Part No.	Description
805078	QuikChek III Fit Test Adapter (Filter not included)
803196	Replacement Kit with 25 feet of sampling tubing and 25 connectors, clips and suction cups
496081	OptiFilter XL Cartridge (box of 6)



### QuikChek™ IV Adapter

The QuikChek IV Adapter allows **qualitative** fit-testing and is specially designed for Ultra Elite and Ultravue Full-Facepieces with quarter-turn quick disconnect. Fit-test kit includes on Type H Cartridge.

Part No.	Description
817446	QuikChek IV Fit-Test Kit
491010	Type H OptiFilter Cartridge (box of 6)



### QuikChek™ Adapter for Advantage 1000 Facepiece

The Advantage 1000 QuikChek Adapter converts a standard Advantage 1000 Facepiece to a probed respirator by replacing the speaking diaphragm.

Part No.	Description
10006227	QuikChek Adapter for Advantage 1000

**Corporate Headquarters**  
P.O. Box 426, Pittsburgh, PA 15230 USA  
Phone 412-967-3000  
[www.MSAnet.com](http://www.MSAnet.com)

**U.S. Customer Service Center**  
Phone 1-800-MSA-2222  
Fax 1-800-967-0398

**MSA Canada**  
Phone 1-800-MSA-2222  
Fax 905-238-4151

**MSA Mexico**  
Phone 52-55 21 22 5770  
Fax 52-55 359 4330

**MSA International**  
Phone 412-967-3354  
Fax 412-967-3451

**Offices and representatives worldwide**  
For further information:

