

MSA Respirator Fit Test **Compliance Reference**

29 CFR Part 1910.134



Advantage® 200LS Respirator



Advantage 420 Respirator



Comfo® Classic Respirator



Comfo Elite Respirator



Advantage 3100 Respirator



Advantage 3200 Respirator



Advantage 4100 Respirator



Advantage 4200 Respirator



*Advantage 1000 Respirator/
Millennium® Respirator*



Ultra-Twin® Respirator



Ultravue® Respirator



Ultra Elite® Respirator

Qualitative Fit Test Kits

P/N	Description
697287	Saccharin Qualitative Fit Test Kit
697444	Bitrex Qualitative Fit Test 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
801628	Banana Oil Qualitative Fit Test Kit
801629	Banana Oil Qualitative Fit Test Kit, in rugged Pelican case

*Because every life has a **purpose...***

Respirator Description	Class	Material	APF	OSHA Acceptable Fit Test Methods	Required Fit Factor Quantitative	MSA Fit Test Adapter Required	Cartridge Type	Probed Facepiece P/N (if applicable)	Controlled Negative Pressure (OHD) Quan Fit Test Adapter
Advantage 200 LS	Half-Mask Negative Pressure	TPR	10	Qualitative or Quantitative	100	Advantage Adapter #10056424	Bayonet or threaded with adapter #809999	S (816515), M (8165130, L (816517)	OHD P/N 9513-0210
Advantage 420	Half-Mask Negative Pressure	Silicone	10	Qualitative or Quantitative	100	Advantage Adapter #10056424	Bayonet or threaded w/adapter #809999	S (10107710), M (10107731), L (10107732)	OHD P/N 9513-0210
Comfo Classic	Full-Face Negative Pressure	Silicone	10	Qualitative or Quantitative	100	Quik Chek® II Adapter #812022	Threaded	S (808255), M (808249), L (808261)	OHD P/N 9513-0109
Comfo Elite	Full-Face Negative Pressure	Hycar™	10	Qualitative or Quantitative	100	Quik Chek II Adapter #812022	Threaded	S (808253), M (808247), L (808259)	OHD P/N 9513-0109
Comfo Elite	Full-Face Negative Pressure	Silicone	10	Qualitative or Quantitative	100	Quik Chek II Adapter #812022	Threaded	S (491862), M (491860), L (491864)	OHD P/N 9513-0109
Advantage 3100	Full-Face Negative Pressure	Silicone	50	Qualitative or Quantitative*	500	Quik Chek III Adapter #805078	N/A	N/A	OHD P/N 9513-0210
Advantage 3200	Full-Face Negative Pressure	Silicone	50	Qualitative or Quantitative*	500	Advantage Adapter #10056424	Bayonet or threaded w/adapter #809999	N/A	OHD P/N 9513-0210
Advantage 4100	Full-Face Negative Pressure	Hycar or Silicone	50	Qualitative or Quantitative*	500	Quik Chek III Adapter #805078	N/A	N/A	OHD P/N 9513-0217
Advantage 4200	Full-Face Negative Pressure	Hycar or Silicone	50	Qualitative or Quantitative*	500	Advantage Adapter #10056424	Bayonet threaded w/adapter #809999 @ NIOSH	N/A	OHD P/N 9513-0218
Advantage 1000	Full-Face Negative Pressure	Silicone	50	Qualitative or Quantitative*	500	Advantage Adapter #10056424	Bayonet	N/A	OHD P/N 9513-0219
Ultra-Twin	Full-Face Negative Pressure	Silicone	50	Qualitative or Quantitative*	500	Quik Chek II Adapter #812022	Threaded	S (482025), M (482024), L (482026)	OHD P/N 9513-0109
Ultra-Twin	Full-Face Negative Pressure	Hycar	50	Qualitative or Quantitative*	500	Quik Chek II Adapter #812022	Threaded	S (417683), M (465457), L (471684)	OHD P/N 9513-0109
Ultravue	Full-Face Negative Pressure	Silicone	50	Qualitative or Quantitative*	500	Quik Chek III Adapter #805078	N/A	S (482009), M (482008), L (482010)	OHD P/N 9513-0130
Ultravue	Full-Face Negative Pressure	Hycar	50	Qualitative or Quantitative*	500	Quik Chek III Adapter #805078	N/A	S (471681), M (465425), L (471682)	OHD P/N 9513-0130
Ultravue for use with ¼ turn quick disconnect	Full-Face Negative Pressure	Hycar or Silicone	50	Qualitative or Quantitative*	500	Quik Chek IV Adapter #817446	N/A	N/A	OHD P/N 9513-0130
Ultra-Elite	Full-Face Negative Pressure	Silicone	50	Qualitative or Quantitative*	500	Quik Chek III Adapter #805078	N/A	S (813211), M (813209), L (813213)	OHD P/N 9513-0210
Ultra-Elite	Full-Face Negative Pressure	Hycar	50	Qualitative or Quantitative*	500	Quik Chek III Adapter #805078	N/A	S (813210), M (813218), L (813212)	OHD P/N 9513-0210
Ultra-Elite for use with ¼ turn quick disconnect	Full-Face Negative Pressure	Hycar or Silicone	50	Qualitative or Quantitative*	500	Quik Chek IV Adapter #817446	N/A	N/A	OHD P/N 9513-0210
Millennium® Facepiece	Full-Face Negative Pressure	Hycar	50	Qualitative or Quantitative*	500 2000±	Quik Chek III Adapter #805078	Threaded	Probe Assembly (10006227)	OHD P/N 9513-0130
Ultra Elite Pressure-Demand	Full-Face Positive Pressure	Silicone	10,000 SCBA 1000 AIR-LINE	Qualitative or Quantitative	500†	APR Fit Test Adapter Kit, ¼ turn #10107257 (10029823 APR adapter only) APR Fit Test Adapter Kit, Slide Version #10107229 (10032511 APR adapter only) APR Fit Test Adapter Kit, Push-to-Connect #10107256 (10040052 APR adapter only) Quik Chek Adapter Kit, Firehawk #10044576‡	Bayonet	Negative Pressure S (813211), M (813209), L (813213)	OHD P/N 9513-0380
Ultra Elite Pressure-Demand	Full-Face Positive Pressure	Hycar	10,000 SCBA 1000 AIR-LINE	Qualitative or Quantitative	500†	APR Fit Test Adapter Kit, ¼ Turn #10107257 APR Fit Test Adapter Kit, Slide Version #10107229 APR Fit Test Adapter Kit, Push-to-Connect #10107256 Quik Chek Adapter Kit, Firehawk #10044576‡	Bayonet	Negative Pressure - S (813210), M (813218), L (813212)	OHD P/N 9513-0210
Ultra Elite Respirator	Full-Face Positive / Negative Pressure	Hycar	10,000 SCBA 50 APR	Qualitative or Quantitative	500† SCBA 2000± APR	Responder Fit Test Kit #10082555	Threaded	N/A	N/A

* If only qualitative fit test is performed on a full-face negative pressure respirator, then an APF of only 10 can be assigned. If a quantitative fit test is performed, the APF is 50.

† For quantitative fit testing of pressure-demand facepiece, the facepiece must be tested in a negative pressure mode which requires a minimum fit factor of 500.

± MSA recommends a fit factor of 2000 if the application is a CBRN environment.

‡ The Quik-Chek Adapter allows quantitative fit tests to be performed on a pressure demand Ultra Elite Firehawk facepiece by only trained and qualified personnel. Special probed facepiece are not required.

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.



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