MINE SAFETY APPLIANCES COMPANY
Cranberry Township, Pennsylvania, USA
1-800-672-2222

Advantage 1000 Respirator Family

THESE RESPIRATORS ARE APPROVED ONLY IN THE FOLLOWING CONFIGURATIONS:

		RESPIRATOR COMPONENTS																																																																			ACCESSORIES							
TC-	PROTECTION[1]	ALTERNATE FACEPIECE			ALTERNATE ADVANTAGE 200 CARTRIDGES													ALTERNATE COMFO CARTRIDGES																ALTERNATE FILTERS																						ALTERNATE COVERS					GASKET	ADAPTER	ALTERNATE NOSECUPS						SPECTACLE	SPECTACLE	AMPLIFIER		COMMUNICATION	COVER	OUTSERTS	CAUTIONS AND LIMITATIONS[2]
		ADVANTAGE 1000 MEDIUM	ADVANTAGE 1000 SMALL	ADVANTAGE 1000 LARGE	GMA	GMA P100	GMB	GMB P100	GMC	GMC P100	GMD	GMD P100	GMI P100	MERSORB	MERSORB P100	GME	GME P100	COMFO GMA	COMFO GMA-P100	COMFO GMA-P100 LOW PROFILE	COMFO GMB	COMFO GMB-P100	COMFO GMB-P100 LOW PROFILE	COMFO GMC	COMFO GMC-P100	COMFO GMC-P100 LOW PROFILE	COMFO GMD	COMFO GMD-P100	COMFO GMD-P100 LOW PROFILE	COMFO GMI-P100	COMFO MERSORB P-100	COMFO GME	COMFO GME-P100	ADVANTAGE P100	ADVANTAGE 200 P100	COMFO P100	COMFO P100 SPARKFOE	COMFO P100 LOW PROFILE	COMFO N95 FILTER	COMFO R95 FILTER	ADVANTAGE 200 N95 FILTER	ADVANTAGE 200 R95 FILTER	P100 FLEXIBLE FILTER ASSY	P100 FLEXIBLE FILTER ASSY	P100 FLEXIBLE FILTER ASSY	P100 FLEXIBLE FILTER ASSY	N95 FLEXIBLE FILTER ASSY	N95 FLEXIBLE FILTER ASSY	N95 FLEXIBLE FILTER ASSY	N95 FLEXIBLE FILTER ASSY	P95 FLEXIBLE FILTER ASSY	P95 FLEXIBLE FILTER ASSY	P95 FLEXIBLE FILTER ASSY	P95 FLEXIBLE FILTER ASSY	P95/HF FLEXIBLE FILTER ASSY.	COMFO FILTER COVER	ADVANTAGE FILTER COVER	COMFO FILTER COVER	ADVANTAGE 200 N95 FILTER COVER	ADVANTAGE 200 R95 FILTER COVER	COMFO GASKET	COMFO CART. ADAPTER	MEDIUM	MEDIUM	SMALL	SMALL	LARGE	LARGE	SPECTACLE KIT	SPECTACLE KIT	AMPLIFIER ESP	AMPLIFIER, ESP II	MICROPHONE / VOICEMITTER	LENS COVER	OUTSERTS	
		7-1293-1	7-1293-2	7-1293-3	815141	815145	815142	815146	815139	815140	815143	815147	815638	815144	815148	815298	815300	459315	814923	814926	459316	814925	814928	459317	814902	814916	459318	814924	814927	814903	814905	492772	814904	814901	815303	814922	814921	814915	816291	816285	814628	814627	818322	818323	818324	818325	818326	818327	818328	818329	818334	818335	818336	818337	1E+07	489219	7-1245-1	489353	814626	815088	459035	809068	805125	805126	805127	805128	805129	805130	454819	816137	805074	1E+07	805350	813832	5-939-1	
84A-0171	P100	X	X	X																														X		X	X																							X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	ABCIJLMNOP
84A-5413	P100	X	X	X																																		X																						X	X	X	X	X	X	X	X	X	X		X	X	X	X	ABCIJLMNOP
84A-5414	P100	X	X	X																															X																											X	X	X	X	X	X	X	X		X	X	X	X	ABCIJLMNOP
23C-2669	OV	X	X	X														X																																										X	X	X	X	X	X	X	X	X	X		X	X	X	X	ABCHIJLMNO
23C-2670	OV	X	X	X	X																																																									X	X	X	X	X	X	X	X		X	X	X	X	ABCHIJLMNO
84A-0173	P100/OV	X	X	X															X																																									X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	ABCHIJLMNOP
84A-5415	P100/OV	X	X	X																X																																								X	X	X	X	X	X	X	X	X	X		X	X	X	X	ABCHIJLMNOP
84A-5416	P100/OV	X	X	X		X																																																								X	X	X	X	X	X	X	X		X	X	X	X	ABCHIJLMNOP
84A-1522	N95/OV	X	X	X														X																					X																			X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	ABCHIJLMNOP
84A-1716	R95/OV	X	X	X														X																						X																X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	ABCHIJLMNOP
84A-1470	N95/OV	X	X	X	X																																				X																		X				X	X	X	X	X	X	X	X	X	X	X	X	X	ABCHIJLMNOP
84A-1484	R95/OV	X	X	X	X																																					X																		X			X	X	X	X	X	X	X	X	X	X	X	X	X	ABCHIJLMNOP
23C-2671	CL/HC/SD/CD/HS (escape)	X	X	X																	X																																							X	X	X	X	X	X	X	X	X	X		X	X	X	X	ABCHIJLMNO
23C-2672	CL/HC/SD/CD/HS (escape)	X	X	X			X																																																							X	X	X	X	X	X	X	X		X	X	X	X	ABCHIJLMNO
84A-0174	P100/CL/HC/SD/CD/HS (escape)	X	X	X																		X																																						X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	ABCHIJLMNOP
84A-0308	P100/CL/HC/SD/CD/HS (escape)	X	X	X				X															X																																					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	ABCHIJLMNOP
84A-1523	N95/CL/HC/SD/CD/HS (escape)	X	X	X																	X																		X																			X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	ABCHIJLMNOP
84A-1717	R95/CL/HC/SD/CD/HS (escape)	X	X	X																	X																			X																X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	ABCHIJLMNOP
84A-1471	N95/CL/HC/SD/CD/HS (escape)	X	X	X			X																																		X																		X				X	X	X	X	X	X	X	X	X	X	X	X	X	ABCHIJLMNOP
84A-1485	R95/CL/HC/SD/CD/HS (escape)	X	X	X			X																																			X																		X			X	X	X	X	X	X	X	X	X	X	X	X	X	ABCHIJLMNOP
23C-2673	OV/CL/HC/SD/CD/HS (escape)	X	X	X																				X																																				X	X	X	X	X	X	X	X	X	X		X	X	X	X	ABCHIJLMNO
23C-2674	OV/CL/HC/SD/CD/HS (escape)	X	X	X					X																																																					X	X	X	X	X	X	X	X		X	X	X	X	ABCHIJLMNO
84A-0175	P100/OV/CL/HC/SD/CD/HS (escape)	X	X	X																					X																																			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	ABCHIJLMNOP
84A-5417	P100/OV/CL/HC/SD/CD/HS (escape)	X	X	X																						X																																		X	X	X	X	X	X	X	X	X	X		X	X	X	X	ABCHIJLMNOP
84A-5418	P100/OV/CL/HC/SD/CD/HS (escape)	X	X	X						X																																																				X	X	X	X	X	X	X	X		X	X	X	X	ABCHIJLMNOP
84A-1524	N95/OV/CL/HC/SD/CD/HS (escape)	X	X	X																				X															X																			X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	ABCHIJLMNOP
84A-1718	R95/OV/CL/HC/SD/CD/HS (escape)	X	X	X																				X																X																X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	ABCHIJLMNOP
84A-1472	N95/OV/CL/HC/SD/CD/HS (escape)	X	X	X					X																																X																		X				X	X	X	X	X	X	X	X	X	X	X	X	X	ABCHIJLMNOP
84A-1486	R95/OV/CL/HC/SD/CD/HS (escape)	X	X	X					X																																	X																		X			X	X	X	X	X	X	X	X	X	X	X	X	X	ABCHIJLMNOP
23C-2675	AM/MA	X	X	X																							X																																	X	X	X	X	X	X	X	X	X	X		X	X	X	X	ABCHIJLMNO
23C-2676	AM/MA	X	X	X							X																																																			X	X	X	X	X	X	X	X		X	X	X	X	ABCHIJLMNO
84A-0176	P100/AM/MA	X	X	X																								X																																X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	ABCHIJLMNOP
84A-0316	P100/AM/MA	X	X	X								X																	X																															X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	ABCHIJLMNOP
84A-1525	N95/AM/MA	X	X	X																							X												X																			X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	ABCHIJLMNOP
84A-1836	N99/AM/MA	X	X	X																							X																															X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	ABCHIJLMNOP
84A-1719	R95/AM/MA	X	X	X																							X													X																X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	ABCHIJLMNOP
84A-1473	N95/AM/MA	X	X	X							X																														X																		X				X	X	X	X	X	X	X	X	X	X	X	X	X	ABCHIJLMNOP
84A-1487	R95/AM/MA	X	X	X							X																															X																		X			X	X	X	X	X	X	X	X	X	X	X	X	X	ABCHIJLMNOP
84A-1526	N95/OV/CL/HC/SD/FM	X	X	X																																			X																			X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	ABCHIJLMNOP
84A-0179	P100/OV	X	X	X																										X																														X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	ABCHIJLMNOP
84A-0320	P100/OV	X	X	X									X																																																			X	X	X	X	X	X	X	X	X	X	X	X	X	ABCHIJLMNOP
23C-1815	MV/CL	X	X	X										X																																																		X	X	X	X	X	X	X	X	X	X	X	X	X	ABCHIJLMNOPS
84A-0180	P100/MV/CL	X	X	X																											X																													X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	ABCHIJLMNOPS
84A-0324	P100/MV/CL	X	X	X											X																																													X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	ABCHIJLMNOPS
84A-1475	N95/MV/CL	X	X	X										X																											X																		X				X	X	X	X	X	X	X	X	X	X	X	X	X	ABCHIJLMNOPS
84A-1489	R95/MV/CL	X	X	X										X																												X																		X			X	X	X	X	X	X	X	X	X	X	X	X	X	ABCHIJLMNOPS
23C-2660	OV/CL/HC/SD/AM/MA/CD/HS (escape)/FM/HF/ND	X	X	X																												X																												X	X	X	X	X	X	X	X	X	X		X	X	X	X	ABCHIJLMNO
23C-2661	OV/CL/HC/SD/AM/MA/CD/HS (escape)/FM/HF	X	X	X												X																																														X	X	X	X	X	X	X	X		X	X	X	X	ABCHIJLMNO
84A-0177	P100/OV/CL/HC/SD/AM/MA/CD/HS (escape)/FM/HF/ND	X	X	X																													X																											X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	ABCHIJLMNOP
84A-1462	P100/OV/CL/HC/SD/AM/MA/CD/FM/HF/HS (escape)	X	X	X													X																																													X	X	X	X	X	X	X	X	X	X	X	X	X	ABCHIJLMNOP
84A-1527	N95/OV/CL/HC/SD/AM/MA/CD/FM/HF/HS (escape)/ND	X	X	X																												X							X																			X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	ABCHIJLMNOP
84A-1721	R95/OV/CL/HC/SD/AM/MA/CD/FM/HF/HS (escape)/ND	X	X	X																												X								X																X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	ABCHIJLMNOP
84A-1476	N95/OV/CL/HC/SD/AM/MA/CD/FM/HF/HS (escape)	X	X	X												X																									X																		X				X	X	X	X	X	X	X	X	X	X	X	X	X	ABCHIJLMNOP
84A-1490	R95/OV/CL/HC/SD/AM/MA/CD/FM/HF/HS (escape)	X	X	X												X																										X																		X			X	X	X	X	X	X	X	X	X	X	X	X	X	ABCHIJLMNOP
84A-1521	N95	X	X	X																																			X																			X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	ABCIJLMNOP
84A-2739	P100	X	X	X																																							X	X	X	X																	X	X	X	X	X	X	X	X	X	X	X	X	X	ABCIJLMNOP
84A-2890	N95	X	X	X																																											X	X	X	X													X	X	X	X	X	X	X	X	X	X	X	X	X	ABCIJLMNOP
84A-2891	P95	X	X	X																																															X	X	X	X									X	X	X	X	X	X	X	X	X	X	X	X	X	ABCIJLMNOP
84A-4257	P95/HF	X	X	X																																																			X								X	X	X	X	X	X	X	X	X	X	X	X	X	ABCHIJLMNOP

1. PROTECTION

P100- Particulate Filter (99.97% filter efficiency level) effective against all particulate aerosols

P95- Particulate Filter (95% filter efficiency level) effective against all particulate aerosols

R95- Particulate Filter (95% filter efficiency level) effective against all particulate aerosols; time use restrictions may apply

N95- Particulate Filter (95% filter efficiency level) effective against particulate aerosols free of oil; time use restrictions may apply

AM: Ammonia
CD: Chlorine dioxide
CL: Chlorine
FM: Formaldehyde
HC: Hydrogen chloride
HF: Hydrogen fluoride
HS (escape): Hydrogen Sulfide (escape only)
MA: Methylamine
MV: Mercury vapor
OV: Organic vapor
SD: Sulfur dioxide
ND: Nitrogen Dioxide

2. CAUTIONS AND LIMITATIONS

A- Not for use in atmospheres containing less than 19.5 percent oxygen.
B- Not for use in atmospheres immediately dangerous to life or health.
C- Do not exceed maximum use concentrations established by regulatory standards.
H- Follow established cartridge and canister change schedules or observe ESLI to ensure that cartridges and canisters are replaced before breakthrough occurs.
I- Contains electrical parts that may cause an ignition in flammable or explosive atmospheres.
J- Failure to properly use and maintain this product could result in injury or death.
L- Follow the manufacturer's User's Instructions for changing cartridges and/or filters.
M- All approved respirators shall be selected, fitted, used, and maintained in accordance with MSHA, OSHA, and other applicable regulations.
N- Never substitute, modify, add, or omit parts. Use only exact replacement parts in the configuration as specified by the manufacturer.
O- Refer to User's Instructions, and/or maintenance manuals for information on use and maintenance of these respirators.
P- NIOSH does not evaluate respirators for use as surgical masks.
S- Special or critical user's instructions and/or specific use limitations apply. Refer to User's Instructions before donning.

CONTROL BOX
Mat. 818362
Doc. 10000007776
REV. 16 5/13/11
ADV 1000 RESP.
Spec. 10000005412
A
TAL 6-2-11