Mine Safety Appliances Company
Cranberry Township, Pennsylvania, USA
1-800-672-2222

ADVANTAGE 200 LS RESPIRATOR FAMILY

THESE RESPIRATORS ARE APPROVED ONLY IN THE FOLLOWING CONFIGURATIONS:

TC-	PROTECTION [1]	ALTERNATE FACEPIECE			ALTERNATE ADVANTAGE CARTRIDGE														ADAPTER	GASKET	ALTERNATE COMFO CARTRIDGES																ALTERNATE FILTER							ALTERNATE COVER				ALTERNATE FILTER														ACCESSORY	CAUTIONS AND LIMITATIONS [2]
		ADVANTAGE 200 LS MEDIUM	ADVANTAGE 200 LS SMALL	ADVANTAGE 200 LS LARGE	ADVANTAGE GMA	ADVANTAGE GMA- P100	ADVANTAGE GMB	ADVANTAGE GMB- P100	ADVANTAGE GMC	ADVANTAGE GMC- P100	ADVANTAGE GMD	ADVANTAGE GMD- P100	ADVANTAGE GMF	ADVANTAGE GMF P100	ADVANTAGE GME P100	ADVANTAGE MERSORB	ADVANTAGE MERSORB- P100	ADVANTAGE GME	ADVANTAGE GME- P100	COMFO CARTRIDGE ADAPT.	COMFO CARTRIDGE GASKET	COMFO GMA	COMFO GMA-P100	COMFO GMA-P100 LP	COMFO GMB	COMFO GMB-P100	COMFO GMB-P100 LP	COMFO GMC	COMFO GMC-P100	COMFO GMC-P100 LP	COMFO GMD	COMFO GMD-P100	COMFO GMD-P100 LP	COMFO GMF P100	COMFO MERSORB P-100	COMFO GME	COMFO GME P100	ADVANTAGE LOW PROFILE P100	ADVANTAGE 100 P100	ADVANTAGE 100 P100 LP	ADVANTAGE 100 P100 LP	COMFO P100	COMFO P100 SPRAYRFOE	COMFO P100 LP	COMFO N95 FILTER	FILTER N95	FILTER R95	COMFO FILTER COVER	COMFO FILTER COVER	COVER ADVANTAGE	COVER N95 ADVANTAGE	COVER R95 ADVANTAGE	FILTER N95 ADVANTAGE	FILTER R95 ADVANTAGE	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	P95HF FLEXIBLE FILTER ASSY	OVER-SPRAY PROTECTOR	
		7-1509-1	7-1509-2	7-1509-3	815141	815145	815142	815146	815139	815140	815143	815147	815299	815301	815638	815144	815148	815298	815300	809068	459035	459315	814923	814926	459316	814925	814928	459317	814902	814916	459318	814924	814927	814903	814905	462772	814904	815303	814901	814914	814922	814921	814915	814994	816291	816285	489353	489219	7-1245-1	814628	815568	814628	814627	818322	818323	818324	818325	818326	818327	818328	818329	818334	818335	818336	818337	10054671	10003968	
84A-0876	P100	X	X	X																X	X																		X			X	X																								X	ABCJLMNOP
84A-5419	P100	X	X	X																X	X																							X																								ABCJLMNOP
84A-5420	P100	X	X	X																																	X			X																												ABCJLMNOP
84A-1017	N95	X	X	X																X	X																							X			X																			X	ABCJLMNOP
84A-1598	N95	X	X	X																X	X																								X		X																			X	ABCJLMNOP
23C-2677	OV	X	X	X																X	X	X																																													ABCHJLMNO
23C-2678	OV	X	X	X	X																																																															ABCHJLMNO
84A-1224	N95/OV	X	X	X	X																																													X		X															X	ABCHJLMNOP
84A-1231	R95/OV	X	X	X	X																																														X		X															X	ABCHJLMNOP
84A-0956	P100/OV	X	X	X																X	X		X																																											X	ABCHJLMNOP
84A-5421	P100/OV	X	X	X																X	X			X																																											ABCHJLMNOP
84A-5422	P100/OV	X	X	X		X																																																													ABCHJLMNOP
84A-1599	N95/OV	X	X	X																X	X	X																							X		X																			X	ABCHJLMNOP
84A-1909	N99/OV	X	X	X																X	X	X																									X																				ABCHJLMNOP
84A-1782	R95/OV	X	X	X																X	X	X																							X			X	X																X	ABCHJLMNOP
23C-2679	CL/HC/SD/CD/HS(escape)	X	X	X																X	X				X																																									ABCHJLMNO
23C-2680	CL/HC/SD/CD/HS(escape)	X	X	X			X																																																												ABCHJLMNO
84A-0958	P100/CL/HC/SD/CD/HS(escape)	X	X	X																X	X					X																																							X	ABCHJLMNOP
84A-0965	P100/CL/HC/SD/CD/HS(escape)	X	X	X				X												X	X						X																																					X	ABCHJLMNOP
84A-1225	N95/CL/HC/SD/CD/HS(escape)	X	X	X			X																																								X		X															X	ABCHJLMNOP
84A-1232	R95/CL/HC/SD/CD/HS(escape)	X	X	X			X																																										X		X															X	ABCHJLMNOP
84A-1600	N95/CL/HC/SD/CD/HS(escape)	X	X	X																X	X				X																				X		X																	X	ABCHJLMNOP
84A-1910	N99/CL/HC/SD/CD/HS(escape)	X	X	X																X	X				X																						X																				ABCHJLMNOP
84A-1783	R95/CL/HC/SD/CD/HS(escape)	X	X	X																X	X				X																						X		X	X															X	ABCHJLMNOP
23C-2681	OV/CL/HC/SD/CD/HS(escape)	X	X	X																X	X							X																																						ABCHJLMNO
23C-2682	OV/CL/HC/SD/CD/HS(escape)	X	X	X					X																																																									ABCHJLMNO
84A-0959	P100/OV/CL/HC/SD/CD/HS(escape)	X	X	X																X	X								X																																			X	ABCHJLMNOP
84A-5423	P100/OV/CL/HC/SD/CD/HS(escape)	X	X	X																X	X									X																																			ABCHJLMNOP
84A-5424	P100/OV/CL/HC/SD/CD/HS(escape)	X	X	X						X																																																							ABCHJLMNOP
84A-1226	N95/OV/CL/HC/SD/CD/HS(escape)	X	X	X					X																																								X		X															X	ABCHJLMNOP
84A-1233	R95/OV/CL/HC/SD/CD/HS(escape)	X	X	X					X																																								X		X															X	ABCHJLMNOP
84A-1601	N95/OV/CL/HC/SD/CD/HS(escape)	X	X	X																X	X							X																X			X																			X	ABCHJLMNOP
84A-1911	N99/OV/CL/HC/SD/CD/HS(escape)	X	X	X																X	X							X																			X																				ABCHJLMNOP
84A-1784	R95/OV/CL/HC/SD/CD/HS(escape)	X	X	X																X	X							X																	X		X	X																	X	ABCHJLMNOP
23C-2683	AM/MA	X	X	X																X	X									X																																				ABCHJLMNO
23C-2684	AM/MA	X	X	X						X																																																							ABCHJLMNO
84A-0960	P100/AM/MA	X	X	X								X								X	X																																											X	ABCHJLMNOP
84A-0961	P100/AM/MA	X	X	X									X							X	X												X																															X	ABCHJLMNOP
84A-1227	N95/AM/MA	X	X	X						X																																							X		X															X	ABCHJLMNOP
84A-1234	R95/AM/MA	X	X	X						X																																								X		X															X	ABCHJLMNOP
84A-1602	N95/AM/MA	X	X	X																X	X									X														X		X																			X	ABCHJLMNOP
84A-1912	N99/AM/MA	X	X	X																X	X									X																X																				ABCHJLMNOP
84A-1785	R95/AM/MA	X	X	X																X	X									X																	X		X	X															X	ABCHJLMNOP
84A-1228	N95/OV/CL/HC/SD/FM	X	X	X										X																																			X		X																ABCHJKLMNOP
84A-1235	R95/OV/CL/HC/SD/FM	X	X	X										X																																				X		X																ABCHJKLMNOP
84A-1603	N95/OV/CL/HC/SD/FM	X	X	X																X	X																							X		X																				ABCHJKLMNOP
84A-1786	R95/OV/CL/HC/SD/FM	X	X	X																X	X																								X		X	X																		ABCHJKLMNOP
84A-0963	P100/OV	X	X	X																X	X												X																															X	ABCHJLMNOP
84A-0977	P100/OV	X	X	X											X																																																	X	ABCHJLMNOP
23C-1797	MV/CL	X	X	X												X				X	X																																											X	ABCHJLMNOS
84A-0978	P100/MV/CL	X	X	X																X	X													X																															X	ABCHJLMNOPS
84A-0979	P100/MV/CL	X	X	X													X			X	X																																											X	ABCHJLMNOPS
84A-1229	N95/MV/CL	X	X	X												X																																	X		X															X	ABCHJLMNOPS
84A-1236	R95/MV/CL	X	X	X												X																																		X		X															X	ABCHJLMNOPS
23C-2662	OV/CL/HC/SD/AM/MA/CD/HS(escape)/FM/HF/ND	X	X	X																X	X															X																														ABCHJKLMNO
23C-2663	OV/CL/HC/SD/AM/MA/CD/HS(escape)/FM/HF	X	X	X														X																																															ABCHJKLMNO
84A-0985	P100/OV/CL/HC/SD/AM/MA/CD/HS(escape)/FM/HF/ND	X	X	X																X	X																X																											X	ABCHJKLMNOP
84A-1283	P100/OV/CL/HC/SD/AM/MA/CD/HS(escape)/FM/HF	X	X	X															X																																														X	ABCHJKLMNOP
84A-1230	N95/OV/CL/HC/SD/AM/MA/CD/HS(escape)/FM/HF	X	X	X														X																															X		X															X	ABCHJKLMNOP
84A-1237	R95/OV/CL/HC/SD/AM/MA/CD/HS(escape)/FM/HF	X	X	X														X																																X		X															X	ABCHJKLMNOP
84A-1604	N95/OV/CL/HC/SD/AM/MA/CD/HS(escape)/FM/HF/ND	X	X	X																X	X															X										X																			X	ABCHJKLMNOP
84A-1787	R95/OV/CL/HC/SD/AM/MA/CD/HS(escape)/FM/HF/ND	X	X	X																X	X															X										X		X	X															X	ABCHJKLMNOP
84A-2793	P100	X	X	X																																																X	X	X	X													X	ABCJLMNOP
84A-2892	N95	X	X	X																																																			X	X	X	X								X	ABCJLMNOP
84A-2893	P95	X	X	X																																																							X	X	X	X		X	ABCJLMNOP
84A-4258	P95HF	X	X	X																																																											X	X	ABCHJLMNOP

1. PROTECTION

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

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

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

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

AM- Ammonia
CD- Chlorine dioxide
CL- Chlorine
FM- Formaldehyde
HC- Hydrogen chloride
HF- Hydrogen fluoride
HS- Hydrogen sulfide (escape)
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.
J- Failure to properly use and maintain this product could result in injury or death.
K- The Occupational Safety and Health Administration regulations require gas-proof goggles to be worn with this respirator when used against formaldehyde.
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. 10021588
Doc. 10000007778
REV. 16 5/13/11
ADV. RESP. FAMILY - English
Prnt Spec. 10000008114
B
TAL 6-2-11