

7. Paints, Lacquers and Enamels

Approval

Approved as respiratory protection against (1) mists of paints, lacquers and enamels; (2) organic vapors.

Limitations

Not for use in atmospheres immediately dangerous to life or health.

Not for use in atmospheres containing less than 19.5 percent oxygen.

In making renewals and repairs, parts identical with those furnished by the manufacturer under the pertinent approval shall be maintained.

Refer to approval label and instruction and maintenance manuals for additional information on use and maintenance of these respirators.

Follow the manufacturer's instructions for changing cartridges and filters or for discarding disposable respirators.

Approval may include protection against particulates or other gases and vapors. The type of additional approval is listed in the last two columns. See page 10 for definitions of particulate types and approved use concentrations on gases and vapors.

Do not wear for protection against organic vapors with poor warning properties or those that generate high heats of reaction.

This respirator shall be selected, fitted, used and maintained in accordance with Mine Safety and Health Administration and other applicable regulations.

CHEMICAL CARTRIDGES - PAINTS, LACQUERS, ENAMELS

Approval Number TC-23C-	Approval Issued to	Respirator and Facepiece Type	Number of Cartridges	Other Approvals DFM	Gas and Vapor
54	WGM	Rp,Fm,ON	2	DM	OV/Pest
75	North	Rp,Fm,ON	2		OV
75	Acme	Rp,Fm,ON	2		OV
79	MSA	Rp,Fm,Bm,ON	2	DM	OV/Pest
80	MSA	Rp,Fm,Bm,ON	2	DM	OV
87	Binks	Rp,Fm,ON	2	DM	OV
90	Glendale	Rp,Fm,ON	2		OV
92	Cabot Safety	Rp,Fm,ON	1	DM	OV
93	Cabot Safety	Rp,Fm,ON	1	DM	OV
94	Cabot Safety	Rp,Fm,ON	2	DM	OV
96	DeVilbiss	Rp,Fm,ON	2	DM	OV
97	Cabot Safety	Rp,Fm,ON	2	DM	OV
100	Pulmosan	Rp,Fm,ON	1		OV
100	Fibre Metal	Rp,Fm,ON	1		OV
100	Shoplyne	Rp,Fm,ON	1		OV
117	Scott	Rp,Fm,ON	2	DFMR	OV/Pest
123	3M	Su,ON	1		OV/Pest

124	Protech	Rp,Fm,ON	2		OV
124	Eastern	Rp,Fm,ON	2		OV
124	Sellstrom	Rp,Fm,ON	2		OV
124	Safe-Tex	Rp,Fm,ON	2		OV
125	US Safety	Rp,Fm,ON	2		OV
126	Cesco	Rp,Fm,ON	2		OV
127	Stewart-Warner	Rp,Fm,ON	2		OV
128	Northcott	Rp,Fm,ON	2		OV
133	Willson	Rp,Fm,FF	2	DM	OV/Pest
148	MSA	Rp,Fm,FF	2	DM	OV/Pest
149	MSA	Rp,Fm,FF	2	DM	OV
155	MSA	Rp,Fm,FF	2	HA	OV/Pest
161	MSA	Rp,Fm,Bm,ON	2	HA	OV/Pest
175	North	Rp,Bm,ON	2		OV
188	North	Rp,Fm,FF	2		OV
201	MSA	Rp,Fm,ON	2	DM	OV
204	North	Rp,Fm,ON	2	HRA	OV/Pest
205	North	Rp,Bm,ON	2	HRA	OV/Pest
206	North	Rp,Fm,FF	2	HRA	OV/Pest

224	Scott	Rp,Fm,FF	2	DFMR	OV/Pest
239	Cabot Safety	Rp,Fm,FF	2		OV
240	Cabot Safety	Rp,Fm,FF	2	DM	OV
258	Willson	Rp,Fm,ON	2	DM	OV
259	Willson	Rp,Fm,FF	2	DM	OV
271	Cesco	Rp,Fm,FF	2		OV
272	US Safety	Rp,Fm,FF	2		OV
278	DeVilbiss	Rp,Fm,ON	1	DM	OV
285	MSA	Rp,Fm,FF	2	DM	OV
286	MSA	Rp,Bm,ON	2	DM	OV
321	Survivair	Rp,Fm,ON	2	DM	OV
333	Cabot Safety	Rp,Fm,ON	2	DM	OV
334	Cabot Safety	Rp,Fm,FF	2	DM	OV
335	DeVilbiss	Rp,Fm,ON	2	DM	OV
336	US Safety	Rp,Fm,ON	2	DFMR	OV/Pest
336	Lab Safety Supply	Rp,Fm,ON	2	DFMR	OV/Pest
337	Cesco	Rp,Fm,ON	2	DFMR	OV/Pest
338	US Safety	Rp,Fm,FF	2	DFMR	OV/Pest

338	Lab Safety Supply	Rp,Fm,FF	2	DFMR	OV/Pest
348	Cesco	Rp,Fm,FF	2	DFM	OV/Pest
354	North	Su,ON	1	DM	OV/Pest
373	Stewart Warner	Rp,Fm,ON	2	DFMR	OV/Pest
374	Willson	Rp,Bm,ON	2	DM	OV/Pest
375	Willson	Rp,Bm,FF	2	DM	OV/Pest
376	Willson	Rp,Bm,ON	2	DM	OV
377	Willson	Rp,Bm,FF	2	DM	OV
392	Northcott	Rp,Fm,ON	2	DFMR	OV/Pest
406	Glendale	Rp,Fm,FF	2		OV
413	Cabot Safety	Rp,Fm,ON	2	HRA	OV/Pest
414	Cabot Safety	Rp,Fm,FF	2	HRA	OV/Pest
426	Cabot Safety	Rp,Fm,ON	2	DMZ	OV
427	Cabot Safety	Rp,Fm,FF	2	DMZ	OV
428	DeVilbiss	Rp,Fm,ON	2	DMZ	OV
436	3M	Rp,Fm,ON	2	DM	OV
455	Survivair	Rp,Fm,FF	2	DM	OV

464	MSA	Rp,Bm,ON	2	DM	OV/Pest
465	MSA	Rp,Bm,ON	2	HA	OV/Pest
473	MSA	Rp,Bm,ON	2	DM	OV
474	MSA	Rp,Bm,ON	2	DM	OV
490	Cabot Safety	Rp,Fm,ON	2	DM	OV
491	Cabot Safety	Rp,Fm,FF	2	DM	OV
494	Pulmosan	Rp,Fm,FF	1		OV
510	MSA	Rp,Fm,ON	1	DM	OV
523	Scott REPLACED BY TC-23C-783	Rp,Fm,ON	2	HRA	OV/Pest
524	Scott	Rp,Fm,FF	2	HRA	OV/Pest
540	Safety Supply	Rp,Fm,ON	2		OV
541	Safety Supply	Rp,Fm,FF	2		OV
554	Pulmosan	Rp,Fm,ON	2	DM	OV
571	Willson	Rp,Fm,ON	2	DM	OV/Pest
572	Willson	Rp,Fm,ON	2	DM	OV/Pest
573	Willson	Rp,Fm,ON	2	DM	OV
574	Willson	Rp,Fm,ON	2	DM	OV
616	Shoplyne	Rp,Fm,ON	2	DM	OV

668	Protech	Rp,Fm,FF	2		OV
668	Eastern	Rp,Fm,FF	2		OV
668	Sellstrom	Rp,Fm,FF	2		OV
675	Binks	Rp,Fm,ON	2	HA	OV
677	Cabot Safety	Rp,Fm,ON	1	DM	OV
691	3M	Rp,Fm,FF	2	DM	OV
729	Willson	Rp,Fm,ON	2	DFM	OV/Pest
730	Willson	Rp,Fm,FF	2	DFM	OV/Pest
731	Willson	Rp,Fm,ON	2	DFM	OV/Pest
732	Willson	Rp,Bm,ON	2	DFM	OV/Pest
733	Willson	Rp,Bm,FF	2	DFM	OV/Pest
734	Willson	Rp,Bm,ON	2	DFM	OV/Pest
747	Willson	Rp,Fm,FF	2	DM	OV/Pest
751	Willson	Rp,Fm,ON	2	DM	OV/Pest
755	Willson	Rp,Fm,ON	1	DM	OV/Pest
782	Scott	Rp,Fm,ON	2	DFMR	OV/Pest
783	Scott	Rp,Fm,ON	2	HRA	OV/Pest
791	Willson	Rp,Fm,ON	2	DFMR	OV/Pest
792	Willson	Rp,Fm,FF	2	DFMR	OV/Pest

793	Cabot Safety	Rp,Fm,FF	2	HRA	OV/Pest
796	Cabot Safety	Rp,Fm,FF	2	DM	OV
807	Cabot Safety	Rp,Fm,FF	2	DM	OV
816	Glendale	Rp,Fm,ON	2		OV
826	Willson	Rp,Fm,ON	1	DFM	OV/Pest
830	MSA	Rp,Fm,FF	2	DM	OV
838	MSA	Rp,Fm,FF	2	HA	OV/Pest
841	MSA	Rp,Fm,FF	2	HA	OV/Pest
846	MSA	Rp,Fm,FF	2	DM	OV
847	MSA	Rp,Fm,FF	2	DM	OV/Pest
850	MSA	Rp,Fm,FF	2	HA	OV/Pest
860	3M	Su,ON	2	DM	OV/Pest
863	Devilbiss	Rp,Fm,ON	2	DM	OV
870	Binks	Rp,Fm,FF	2	DM	OV
871	Binks	Rp,Fm,FF	2	A	OV
875	DeVilbiss	Rp,Fm,FF	2	DM	OV
884	3M	Rp,Fm,FF	2	DM	OV
886	3M	Rp,Fm,FF	2	HRA	OV

899	Cabot Safety	Rp,Fm,ON	2	DFMR	OV/Pest
900	Cabot Safety	Rp,Fm,FF	2	DFMR	OV/Pest
901	Cabot Safety	Rp,Fm,FF	2	DFMR	OV/Pest
944	MSA	Rp,Fm,FF	2	DM	OV
950	MSA	Rp,Fm,FF	2	HA	OV/Pest
955	MSA	Rp,Fm,FF	2	DM	OV/Pest
979	Cabot Safety	Rp,Fm,FF	2	DM	OV
980	Cabot Safety	Rp,Fm,FF	2	DFMR	OV/Pest
997	Cabot Safety	Rp,Fm,FF	2	DM	OV
999	Cabot Safety	Rp,Fm,FF	2	HRA	OV/Pest
1009	Masprot	Rp,Fm,ON	2	HA	OV/Pest
1013	3M	Su,ON	2	HRA	OV/Pest
1030	Masprot	Rp,Fm,ON	2	DM	OV
1039	Willson	Su,ON	2	DM	Pest/OV
1067	3M	Rp,Fm,ON	2	DM	OV/Pest
1072	3M	Rp,Fm,ON	2	HRA	OV/Pest
1080	MSA	Rp,Fm,FF	2	DM	OV

1081	MSA	Rp,Fm,FF	2	DM	OV/Pest
1084	MSA	Rp,Fm,FF	2	HA	OV/Pest
1103	North	Su,ON	2		OV
1105	North	Su,ON	2	HR	OV/Pest
1113	North	Su,ON	2	DM	OV/Pest
1128	North	Rp,Fm,FF	2	HRA	OV/Pest
1129	North	Rp,Fm,FF	2		OV
1134	Survivair	Su,ON	2	DM	OV
1149	Willson	Rp,Fm,ON	2	DM	OV/Pest
1150	Willson	Rp,Fm,ON	2	DFM	OV/Pest
1162	MSA	Rp,Fm,FF	2	HA	OV/Pest
1167	MSA	Rp,Fm,FF	2	DM	OV/Pest
1174	MSA	Rp,Fm,FF	2	DM	OV
1194	MSA	Rp,Fm,FF	2	HA	Pest/OV
1199	MSA	Rp,Fm,FF	2	DM	OV/Pest
1206	MSA	Rp,Fm,FF	2	DM	OV
1228	Cabot Safety	Rp,Fm,ON	2	DFMR	OV/Pest
1229	Cabot Safety	Rp,Fm,ON	2	DM	OV

1230	Cabot Safety	Rp,Fm,ON	2	HRA	OV/Pest
1247	Cabot Safety	Rp,Fm,ON	2	DM	OV
1280	MSA	Rp,Fm,ON	2	HA	Pest/OV
1318	3M	Su,ON	2	DM	Pest/OV
1319	3M	Rp,Fm,ON	2	DM	Pest/OV
1328	3M	Su,ON	2	HR	Pest/OV NOT APPROVED FOR RADIONUCLIDES
1329	3M	Rp,Fm,ON	2	HR	Pest/OV NOT APPROVED FOR RADIONUCLIDES
1338	Moldex	Rp,Fm,ON	2	DM	Pest/OV
1359	Cabot	Rp,Fm,FF	2	DM	OV
1361	Cabot	Rp,Fm,FF	2	DM	OV
1363	MSA	Rp,Fm,ON	2	DM	OV
1373	MSA	Rp,Fm,FF	2	HA	OV/Pest
1381	MSA	Rp,Fm,FF	2	DM	OV
1386	Cabot	Rp,Fm,FF	2	DFMR	OV/Pest
1387	Cabot	Rp,Fm,FF	2	HRA	OV/Pest

8. Pesticides

Approval

Approved as respiratory protection against pesticides.

Limitations

Not for use in atmospheres immediately dangerous to life or health.

Not for use in atmospheres containing less than 19.5 percent oxygen.

In making renewals and repairs, parts identical with those furnished by the manufacturer under the pertinent approval shall be maintained.

Refer to approval label and instruction and maintenance manuals for additional information on use and maintenance of these respirators.

Follow the manufacturer's instructions for changing cartridges or for discarding disposable respirators.

Approval may include protection against particulates or other gases and vapors. The type of additional approval is listed in the last two columns. See page 10 for definitions of particulate types and approved use concentrations on gases and vapors.

Do not wear for protection against organic vapors with poor warning properties or those that generate high heats of reaction.

Not approved for fumigants.

Refer to pesticide label for limitations on respirator use.

This respirator shall be selected, fitted, used and maintained in accordance with Mine Safety and Health Administration and other applicable regulations.

CHEMICAL CARTRIDGES - PESTICIDES

Approval Number TC-23C-	Approval Issued to	Respirator and Facepiece Type	Number of Cartridges	Other Approvals DFM	Gas and Vapor
54	WGM	Rp,Fm,ON	2	DM	OV/PLE
74	North	Rp,Fm,ON	2		OV
78	3M	PAPR,HH	1		
79	MSA	Rp,Fm,Bm,ON	2	DM	OV/PLE
106	Cabot Safety	Rp,Fm,ON	2	DFM	OV
110	Pulmosan	Rp,Fm,ON	1		
110	Fibre Metal	Rp,Fm,ON	1		
110	Shoplyne	Rp,Fm,ON	1		
117	Scott	Rp,Fm,ON	2	DFM	OV/PLE
123	3M	Su,ON	1		OV
133	Willson	Rp,Fm,FF	2	DM	OV/PLE
148	MSA	Rp,Fm,FF	2	DM	OV/PLE
153	MSA	Rp,Fm,FF	2	HA	OV/SO2/ Cl/HCl ClO2/H2S
154	MSA	Rp,Fm,FF	2	DFMR	OV/SO2/ Cl/HCl ClO2/H2S
155	MSA	Rp,Fm,FF	2	HA	OV/PLE
159	MSA	Rp,Fm,Bm,ON	2	HA	OV/SO2/ Cl/HCl ClO2/H2S

160	MSA	Rp,Fm,Bm,ON	2	DFMR	OV/SO2/ Cl/HCl/ CLO2/H2S
161	MSA	Rp,Fm,Bm,ON	2	HA	OV/PLE
178	North	Rp,Bm, ON	2		OV
190	North	Rp,Fm,FF	2		OV
197	Glendale	Rp,Fm,ON	2		
198	US Safety	Rp,Fm,ON	2		OV
199	Cesco	Rp,Fm,ON	2		OV
202	Protech	Rp,Fm,ON	2	DM	OV
202	Eastern	Rp,Fm,ON	2	DM	OV
202	Sellstrom	Rp,Fm,ON	2	DM	OV
204	North	Rp,Fm,ON	2	HRA	OV/PLE
205	North	Rp,Bm,ON	2	HRA	OV/PLE
206	North	Rp,Fm,FF	2	HRA	OV/PLE
223	Scott	Rp,Fm,ON	2		
224	Scott	Rp,Fm,FF	2	DFMR	OV/PLE
238	Cabot Safety	Rp,Fm,FF	2	DFM	OV
273	Cesco	Rp,Fm,FF	2		
274	US Safety	Rp,Fm,FF	2		

281	Cabot Safety	Rp,Fm,ON	2	DFM	SO2/HCl/OV Cl/CLO2
282	Cabot Safety	Rp,Fm,FF	2	DFM	SO2/HCl/Cl OV/CLO2
323	Survivair	Rp,Fm,ON	2	DFMR	OV
336	US Safety	Rp,Fm,ON	2	DFMR	OV/PLE
336	Lab Safety Supply	Rp,Fm,ON	2	DFMR	OV/PLE
337	Cesco	Rp,Fm,ON	2	DFMR	OV/PLE
338	US Safety	Rp,Fm,FF	2	DFMR	OV/PLE
338	Lab Safety Supply	Rp,Fm,FF	2	DFMR	OV/PLE
348	Cesco	Rp,Fm,FF	2	DFM	OV/PLE
354	North	Su,ON	1	DM	OV/PLE
373	Stewart Warner	Rp,Fm,ON	2	DFMR	OV/PLE
374	Willson	Rp,Bm,ON	2	DM	OV/PLE
375	Willson	Rp,Bm,FF	2	DM	OV/PLE
392	Northcott	Rp,Fm,ON	2	DFMR	OV/PLE
409	Glendale	Rp,Fm,FF	2		
413	Cabot Safety	Rp,Fm,ON	2	HRA	OV/PLE
414	Cabot Safety	Rp,Fm,FF	2	HRA	OV/PLE

417	Cabot Safety	Rp,Fm,ON	2	HRA	OV/CLO2/ Cl/HCl SO2
418	Cabot Safety	Rp,Fm,FF	2	HRA	OV/CLO2/ Cl2/HCl/SO2
439	3M	Rp,Fm,ON	2		
450	Survivair	Rp,Fm,ON	2	HRA	SO2/HCl Cl/OV
451	Survivair	Rp,Fm,FF	2	HRA	SO2/HCl Cl/OV
452	Survivair	Rp,Fm,ON	2	HRA	OV
453	Survivair	Rp,Fm,FF	2	HRA	OV
456	Survivair	Rp,Fm,FF	2	DFMR	OV
464	MSA	Rp,Bm,ON	2	DM	OV
465	MSA	Rp,Bm,ON	2	HA	OV/PLE
466	MSA	Rp,Bm,ON	2	HA	OV/SO2/ Cl/HCl/ CLO2/H2S
467	MSA	Rp,Bm,ON	2	DFMR	OV/SO2/ Cl/HCl/ CLO2/H2S
482	Racal	PAPR,HH	3	HRA	OV
483	Racal	PAPR,FF	3	HRA	OV
484	Racal	PAPR,HH	3	HRA	OV
485	Racal	PAPR,HH	3	HRA	OV

493	Pulmosan	Rp,Fm,FF	1		
523 REPLACED BY TC-23C-783	Scott	Rp,Fm,ON	2	HRA	OV/PLE
524	Scott	Rp,Fm,FF	2	HRA	OV/PLE
530	Survivair	Rp,Fm,ON	2	DFMR	OV
531	Survivair	Rp,Fm,FF	2	DFMR	OV
546	Safety Supply	Rp,Fm,ON	2		
547	Safety Supply	Rp,Fm,FF	2		
571	Willson	Rp,Fm,ON	2	DM	OV/PLE
572	Willson	Rp,Fm,ON	2	DM	OV/PLE
585	Cabot Safety	Rp,Fm,ON	2	DFM	OV
586	Cabot Safety	Rp,Fm,ON	2	DFM	OV
587	Cabot Safety	Rp,Fm,ON	2	DFM	SO2/HCl/Cl OV/CLO2
588	Cabot Safety	Rp,Fm,FF	2	DFM	SO2/HCl/Cl OV/CLO2
602	Racal	PAPR,HH	3	HRA	OV
611	Racal	PAPR,ON	3	HRA	OV
632	Racal	PAPR,HH	3	HRA	OV
669	Protech	Rp,Fm,FF	2	DM	OV

669	Eastern	Rp,Fm,FF	2	DM	OV
669	Sellstrom	Rp,Fm,FF	2	DM	OV
682	Kasco	PAPR,HH	3	HA	
687	3M	Rp,Fm,FF	2		
729	Willson	Rp,Fm,ON	2	DFM	OV/PLE
730	Willson	Rp,Fm,FF	2	DFM	OV/PLE
731	Willson	Rp,Fm,ON	2	DFM	OV/PLE
732	Willson	Rp,Bm,ON	2	DFM	OV/PLE
733	Willson	Rp,Bm,FF	2	DFM	OV/PLE
734	Willson	Rp,Bm,ON	2	DFM	OV/PLE
747	Willson	Rp,Fm,FF	2	DM	OV/PLE
751	Willson	Rp,Fm,ON	2	DM	OV/PLE
755	Willson	Rp,Fm,ON	1	DM	OV/PLE
767	Kasco	PAPR,HH	3		
782	Scott	Rp,Fm,ON	2	DFMR	OV/PLE
783	Scott	Rp,Fm,ON	2	HRA	OV/PLE
791	Willson	Rp,Fm,ON	2	PLE	OV
792	Willson	Rp,Fm,FF	2	PLE	OV
793	Cabot Safety	Rp,Fm,FF	2	HRA	OV/PLE

794	Cabot Safety	Rp,Fm,FF	2	HRA	SO2/HCl Cl2/CLO2 OV
802	Cabot Safety	Rp,Fm,FF	2	DFM	OV
812	Cabot Safety	Rp,Fm,FF	2	DFM	Cl/SO2/HCl CLO2
825	Glendale	Rp,Fm,ON	2		
826	Willson	Rp,Fm,ON	1	DFM	OV/PLE
838	MSA	Rp,Fm,FF	2	HA	OV/PLE
839	MSA	Rp,Fm,FF	2	HA	OV/Cl/ H2S/CLO2/ SO2/HCl
841	MSA	Rp,Fm,FF	2	HA	OV/PLE
847	MSA	Rp,Fm,FF	2	DM	OV/PLE
850	MSA	Rp,Fm,FF	2	HA	OV/PLE
853	MSA	Rp,Fm,FF	2	DFMR	OV/H2S/ CLO2/SO2/ Cl/HCl
854	MSA	Rp,Fm,FF	2	HRA	OV/H2S/ CLO2/SO2/ Cl/HCl
857	3M	Su,ON	1		OV
860	3M	Su,ON	2	DM	OV/PLE
880	3M	Rp,Fm,FF	2		
893	Racal	PAPR,HH		HRA	OV

899	Cabot Safety	Rp,Fm,ON	2	DFMR	OV/PLE
900	Cabot Safety	Rp,Fm,FF	2	DFMR	OV/PLE
901	Cabot Safety	Rp,Fm,FF	2	DFMR	OV/PLE
905	Cabot Safety	Rp,Fm,ON	2	DFMR	OV/Cl/ HCl/ClO2/ SO2
906	Cabot Safety	Rp,Fm,FF	2	DFMR	OV/Cl/ HCl/ClO2/ SO2
907	Cabot Safety	Rp,Fm,FF	2	DFMR	OV/Cl/ HCl/ClO2/ SO2
914	Cabot Safety	Rp,Fm,FF	2	DFMR	OV/Cl/ HCl/ClO2/ SO2
915	Cabot Safety	Rp,Fm,FF	2	DFMR	OV/Cl/ HCl/ClO2/ SO2
929	MSA	Rp,Fm,ON NOT APPROVED FOR RADIONUCLIDES	2	HA	OV/H2S/ ClO2/SO2/ Cl/HCl
930	MSA	Rp,Bm,ON NOT APPROVED FOR RADIONUCLIDES	2	HA	OV/H2S/ ClO2/SO2/ Cl/HCl
931	MSA	Rp,Fm,FF NOT APPROVED FOR RADIONUCLIDES	2	HA	OV/H2S/ ClO2/SO2/ Cl/HCl
932	MSA	Rp,Bm,ON NOT APPROVED FOR RADIONUCLIDES	2	HA	OV/H2S/ ClO2/SO2/ Cl/HCl

933	MSA	Rp,Fm,FF NOT APPROVED FOR RADIONUCLIDES	2	HA	OV/H2S/ CL02/SO2/ Cl/HCl
934	MSA	Rp,Fm,FF NOT APPROVED FOR RADIONUCLIDES	2	HA	OV/H2S/ CL02/SO2/ Cl/HCl
950	MSA	Rp,FF,Fm	2	HA	OV/PLE
952	MSA	Rp,Fm,FF	2	HA	H2S/CL02 OV/SO2/ Cl/HCl
953	MSA	Rp,Fm,FF	2	DFMR	H2S/CL02/ OV/SO2/ Cl/HCl
955	MSA	Rp,FF,Fm	2	DM	OV/PLE
961	MSA	Rp,Fm,FF NOT APPROVED FOR RADIONUCLIDES	2	HA	H2S/CL02/ OV/SO2/ Cl/HCl
980	Cabot Safety	Rp,Fm,FF	2	DFMR	OV/PLE
986	Cabot Safety	Rp,Fm,FF	2	DFMR	OV/SO2 Cl/HCl CL02
991	Cabot Safety	Rp,Fm,FF	2	DFM	OV
996	Cabot Safety	Rp,Fm,FF	2	DFMR	OV/SO2 Cl/HCl CL02
998	Cabot Safety	Rp,Fm,FF	2	DFM	OV/SO2 Cl/HCl CL02
999	Cabot Safety	Rp,Fm,FF	2	HRA	OV/PLE

1001	Cabot Safety	Rp,Fm,FF	2	HRA	OV/SO2 Cl/HCl CL02
1003	Spring Protezione s.r.l.	PAPR,HH	3		
1009	Masprot	Rp,Fm,ON	2	HA	OV/PLE
1013	3M	Su,ON	2	HRA	OV/PLE
1035	Hornell Speedglas	PAPR,HH	3	HRA	OV
1039	Willson	Su,ON	2	DM	PLE/OV
1052	Survivair	PAPR,FF	3	HRA	OV
1053	Survivair	PAPR,FF	3	HRA	OV/SO2/Cl HCl
1056	MSA	PAPR,FF	2	HA	CL02/OV/ SO2/Cl/ HCl
1057	MSA	PAPR,FF NOT APPROVED FOR RADIONUCLIDES	2	HA	CL02/OV/ SO2/Cl/ HCl
1067	3M	Rp,Fm,ON	2	DM	OV/PLE
1072	3M	Rp,Fm,ON	2	HRA	OV/PLE
1081	MSA	Rp,Fm,FF	2	DM	PLE/OV
1084	MSA	Rp,Fm,FF	2	HA	PLE/OV
1087	MSA	Rp,Fm,FF	2	DFMR	CL02/H2S OV/SO2/ Cl/HCl

1088	MSA	Rp,Fm,FF	2	HA	CL02/H2S/ OV/SO2/ Cl/HCl
1093	MSA	Rp,Fm,FF NOT APPROVED FOR RADIONUCLIDES	2	HA	CL02/H2S/ OV/SO2/ Cl/HCl
1104	North	Su,ON	2		
1105	North	Su,ON	2	HR	OV/PLE
1113	North	Su,ON	2	DM	OV/PLE
1123	Racal	Rp,Fm,FF	1	HRA	OV
1128	North	Rp,Fm,FF	2	HRA	OV/PLE
1149	Willson	Rp,Fm,ON	2	DM	OV/PLE
1150	Willson	Rp,Fm,ON	2	DFM	OV/PLE
1162	MSA	Rp,Fm,FF	2	HA	OV/PLE
1164	MSA	Rp,Fm,FF	2	HA	OV/CL02/ H2S/SO2/ Cl/HCl
1165	MSA	Rp,Fm,FF	2	DFMR	OV/CL02/ H2S/SO2/ Cl
1167	MSA	Rp,Fm,FF	2	DM	OV/PLE
1172	MSA	Rp,Fm,FF NOT APPROVED FOR RADIONUCLIDES	2	HA	OV/CL02/ H2S/SO2/ Cl
1184	Racal	PAPR,HH	3	HRA	OV

1194	MSA	Rp,Fm,FF	2	HA	OV/PLE
1196	MSA	Rp,Fm,FF	2	HA	OV/CLO2/ H2S/SO2/ Cl
1197	MSA	Rp,Fm,FF	2	DFMR	OV/CLO2/ H2S/SO2/ Cl
1199	MSA	Rp,Fm,FF	2	DM	OV/PLE
1204	MSA	Rp,Fm,FF NOT APPROVED FOR RADIONUCLIDES	2	HA	OV/CLO2/ H2S/SO2/ Cl/HCl
1228	Cabot Safety	Rp,Fm,ON	2	DFMR	OV/PLE
1230	Cabot Safety	Rp,Fm,ON	2	HRA	OV/PLE
1246	Cabot Safety	Rp,Fm,ON	2	DFM	OV
1248	Cabot Safety	Rp,Fm,ON	2	DFMR	SO2/Cl/OV/ HCl/CLO2
1252	MSA	PAPR,ON	2	HA	SO2/Cl/OV/ HCl/CLO2/ Pest
1253	MSA	PAPR,ON NOT APPROVED FOR RADIONUCLIDES	2	HA	SO2/Cl/OV/ HCl/CLO2/ Pest
1257	MSA	PAPR,ON	2	HA	OV
1258	MSA	PAPR,ON NOT APPROVED FOR RADIONUCLIDES	2	HA	OV
1263	MSA	PAPR,FF	2	HA	OV

1264	MSA	PAPR,FF NOT APPROVED FOR RADIONUCLIDES	2	HA	OV
1274	Survivair	Su,ON	2	DFM	OV
1280	MSA	Rp,Fm,ON	2	HA	PLE/OV
1282	MSA	Rp,Fm,ON NOT APPROVED FOR RADIONUCLIDES	2	HA	SO2/Cl/ HCl/CLO2/ OV/H2S
1282	Critical Services	Su,ON NOT APPROVED FOR RADIONUCLIDES	2	HA	SO2/Cl/ HCl/CLO2/ OV/H2S
1283	MSA	Rp,Fm,ON	2	HA	SO2/Cl/ HCl/CLO2/ OV/H2S
1286	Hornell Speedglas	PAPR,HH	3	HRA	OV
1318	3M	Su,ON	2	DM	OV/PLE
1319	3M	Rp,Fm,ON	2	DM	OV/PLE
1328	3M	Su,ON NOT APPROVED FOR RADIONUCLIDES	2	HR	OV/PLE
1329	3M	Rp,Fm,ON NOT APPROVED FOR RADIONUCLIDES	2	HR	OV/PLE
1338	Moldex	Rp,Fm,ON	2	DM	OV/PLE
1346	Survivair	PAPR,ON	3	HRA	OV
1362	Cabot	Rp,Fm,FF		HRA Cl/HCl	OV/SO2/
1373	MSA	Rp,Fm,FF	2	HRA	OV/PLE

1383	MSA	Rp,Fm,FF	2	HRA	SO2/Cl/ HCl/CLO2/ OV/H2S
1386	Cabot	Rp,Fm,FF		DFMR	OV/PLE
1387	Cabot	Rp,Fm,FF		HRA	OV/PLE
1399	Cabot	Rp,Fm,FF		DFM	OV
1403	Cabot	Rp,Fm,FF		DFM	OV/SO2/ Cl/HCl/CLO2

9. Sulfur Dioxide

Approval

Approved as respiratory protection against sulfur dioxide.

Limitations

Not for use in atmospheres immediately dangerous to life or health.

Not for use in atmospheres containing less than 19.5 percent oxygen.

In making renewals and repairs, parts identical with those furnished by the manufacturer under the pertinent approval shall be maintained.

Refer to approval label and instruction and maintenance manuals for additional information on use and maintenance of these respirators.

Follow the manufacturer's instructions for changing cartridges or for discarding disposable respirators.

Approval may include protection against particulates or other gases and vapors. The type of additional approval is listed in the last two columns. See page 10 for definitions of particulate types and approved use concentrations on gases and vapors.

This respirator shall be selected, fitted, used and maintained in accordance with Mine Safety and Health Administration and other applicable regulations.

CHEMICAL CARTRIDGES - SULFUR DIOXIDE

Approval Number TC-23C-	Approval Issued to	Respirator and Facepiece Type	Number of Cartridges	Other Approvals DFM	Gas and Vapor
1114	Racal	PAPR,HH	3	HRA	OV/HF
1115	Racal	PAPR,HH	3	HRA	OV/HF
1207	Racal	PAPR,FF	3	HRA	OV/HF
1208	Racal	PAPR,HH	3	HRA	OV/HF
1209	Racal	PAPR,HH	3	HRA	OV/HF
1210	Racal	PAPR,ON	3	HRA	OV/HF
1211	Racal	PAPR,HH	3	HRA	OV/HF
1212	Racal	PAPR,HH	3	HRA	OV/HF

10. Vinyl Chloride

Approval

Approved as respiratory protection against 10 parts per million vinyl chloride or until indicator change.

Limitations

Not for use in atmospheres immediately dangerous to life or health.

Not for use in atmospheres containing less than 19.5 percent oxygen.

In making renewals and repairs, parts identical with those furnished by the manufacturer under the pertinent approval shall be maintained.

Refer to approval label and instruction and maintenance manuals for additional information on use and maintenance of these respirators.

Follow the manufacturer's instructions for changing cartridges or for discarding disposable respirators.

Approval may include protection against particulates or other gases and vapors. The type of additional approval is listed in the last two columns. See page 10 for definitions of particulate types and approved use concentrations on gases and vapors.

This respirator shall be carefully fitted to the wearer's face before use, in accordance with the manufacturer's facepiece fitting instructions.

This respirator shall be selected, fitted, used and maintained in accordance with Mine Safety and Health Administration and other applicable regulations.

CHEMICAL CARTRIDGES - VINYL CHLORIDE

Approval Number TC-23C-	Approval Issued to	Respirator and Facepiece Type	Number of Cartridges	Other Approvals DFM	Gas and Vapor
200	3M	Su,ON	1		