

Non-refillable Canisters

Standard Product List

All mixtures shown in the table below are available with no minimum order quantity.

Products highlighted in green are normally available ex-stock in the canister size indicated.

Mixture	Cat.	Aerosol	34L	58L	110L	Days	Cert. tol.	Prod. tol.	Stability (months)
Acetylene (C₂H₂)									
0.5 % Acetylene // Air	1		314468	319359	313131	7	±2 %	±5 %	60
<i>Any concentration of Acetylene // Air between 0.1 % - 0.92 %</i>	2		✓	✓	✓	7	±2 %	±5 %	60
Ammonia (NH₃)									
25 ppm Ammonia // Air	2		312977	313104	312695	15	±5 %	±10 %	12*
25 ppm Ammonia // Nitrogen	2	✗	312666	313646	314456	15	±5 %	±10 %	12
50 ppm Ammonia // Air	2		312212	312647	312192	15	±5 %	±10 %	12*
50 ppm Ammonia // Nitrogen	2		312212	312647	312192	15	±5 %	±10 %	12
100 ppm Ammonia // Air	2		314410	313819	312196	15	±2 %	±10 %	12*
100 ppm Ammonia // Nitrogen	2	✗	319222	314284	317208	15	±2 %	±10 %	12
500 ppm Ammonia // Air	2		314233	312906	312239	15	±2 %	±5 %	12*
500 ppm Ammonia // Nitrogen	2	✗	333317	318922	313509	15	±2 %	±5 %	12
1000 ppm Ammonia // Air	2		312728	312190	312230	15	±2 %	±5 %	12*
1000 ppm Ammonia // Nitrogen	2	✗	319139	314328	318350	15	±2 %	±5 %	12
0.5 % Ammonia // Air	2		313699	315718	312902	15	±2 %	±5 %	12*
0.5 % Ammonia // Nitrogen	2	✗	333380	333461	313999	15	±2 %	±5 %	12
1 % Ammonia // Air	2		319135	312668	313034	15	±2 %	±5 %	12*
1 % Ammonia // Nitrogen	2	✗	333528	333527	333330	15	±2 %	±5 %	12
5 % Ammonia // Air	2		312669	316690	314452	15	±2 %	±5 %	12*
<i>Any concentration of Ammonia // Air or Nitrogen between 5 ppm - 1000 ppm</i>	2		✗	✓	✗	15			12
Argon (Ar)									
100 % Argon 'Premier' (5.0)	1	✗	424418	446579	410533	7	N/A	N/A	60
Benzene (C₆H₆)									
5 ppm Benzene // Air	1		312079	326596	314241	7	±10 %	±20 %	60
Butane (C₄H₁₀)									
0.4 % Butane // Air	1		323518	333531	333321	7	±2 %	±5 %	60
0.6 % Butane // Air	1		323519	314056	315134	7	±2 %	±5 %	60
0.7 % Butane // Air	1		313695	321223	312708	7	±2 %	±5 %	60
0.75 % Butane // Air	1		312136	313423	312135	7	±2 %	±5 %	60
0.9 % Butane // Air	1		312907	325619	312142	7	±2 %	±5 %	60
8 % Butane // Nitrogen (pressure restricted - 100 psig)	1		313501	334293	✗	7	±2 %	±5 %	60
8 % Butane / 13.8 % CO ₂ // Nitrogen (pressure restricted - 100 psig)	1		312637	326074	317521	7	±2 %	±5 %	60
<i>Any concentration of Butane // Air between 0.1 % - 0.9 %</i>	1		✓	✓	✓	7	±2 %	±5 %	60
Iso-Butane (I-C₄H₁₀)									
0.75 % Iso-Butane // Air	1		315394	315395	312126	7	±2 %	±5 %	60
0.9 % Iso-Butane // Air	1		312226	315872	312203	7	±2 %	±5 %	60
7.5 % Iso-Butane // Nitrogen	1		333730	333728	✗	7	±2 %	±5 %	60
8 % Iso-Butane // Nitrogen	1		333731	✗	314977	7	±2 %	±5 %	60
10 % Iso-Butane // Nitrogen	1		312224	325900	333946	7	±2 %	±5 %	60
Iso-Butylene (I-C₄H₈)									
8 ppm Iso-Butylene // Air	1		333327	327463	315869	7	±10 %	±20 %	60
100 ppm Iso-Butylene // Air	1		312074	312052	312045	7	±2 %	±10 %	60
1000 ppm Iso-Butylene // Air	1		321402	333334	312938	7	±2 %	±5 %	60
Carbon Dioxide (CO₂)									
500 ppm Carbon Dioxide // Nitrogen	1		324680	333944	316934	7	±2 %	±5 %	60
500 ppm Carbon Dioxide // Air	1		312063	315979	321012	7	±2 %	±5 %	60
1000 ppm Carbon Dioxide // Air	1		313102	315977	319155	7	±2 %	±5 %	60
5000 ppm Carbon Dioxide // Air	1		317406	315339	312953	7	±2 %	±5 %	60
5000 ppm Carbon Dioxide // Nitrogen	1		318352	318228	314051	7	±2 %	±5 %	60
1 % Carbon Dioxide // Air	1		313775	316932	312696	7	±2 %	±5 %	60
1 % Carbon Dioxide // Nitrogen	1		313108	319137	312034	7	±2 %	±5 %	60

Mixture	Cat.	Aerosol	34L	58L	110L	Days	Cert. tol.	Prod. tol.	Stability (months)
1.5 % Carbon Dioxide // Air	1		332698	322166	313535	7	±2 %	±5 %	60
2 % Carbon Dioxide // Air	1		312718	320575	312036	7	±2 %	±5 %	60
2 % Carbon Dioxide // Nitrogen	1		321322	315780	312701	7	±2 %	±5 %	60
3 % Carbon Dioxide // Nitrogen	1		325416	317407	314387	7	±2 %	±5 %	60
3 % Carbon Dioxide // Air	1		314453	314400	312035	7	±2 %	±5 %	60
5 % Carbon Dioxide // Air	1		312661	314680	312017	7	±2 %	±5 %	60
5 % Carbon Dioxide // Nitrogen	1		314675	313774	312031	7	±2 %	±5 %	60
10 % Carbon Dioxide // Air	1		314888	313154	312699	7	±2 %	±5 %	60
10 % Carbon Dioxide // Nitrogen	1		333315	333314	314398	7	±2 %	±5 %	60
20 % Carbon Dioxide // Air	1		318405	326445	316926	7	±2 %	±5 %	60
50 % Carbon Dioxide // Nitrogen	1		312966	312056	314984	7	±2 %	±5 %	60
40 % Carbon Dioxide // Methane	1		313116	312202	327613	7	±2 %	±5 %	60
50 % Carbon Dioxide // Methane	1		312904	324374	314508	7	±2 %	±5 %	60
100 % Carbon Dioxide (3.0)	1		198771	434355	197136	7	N/A	N/A	60
<i>Any concentration of Carbon Dioxide // Air or Nitrogen between 0.1 % - 40 %</i>	1		✓	✓	✓	7	±2 %	±5 %	60
Carbon Monoxide (CO)									
20 ppm Carbon Monoxide // Air	1		313106	312723	312027	7	±10 %	±20 %	60
20 ppm Carbon Monoxide // Nitrogen	1		312060	329554	327485	7	±10 %	±20 %	60
50 ppm Carbon Monoxide // Air	1		312896	313459	312039	7	±5 %	±10 %	60
60 ppm Carbon Monoxide // Air	1		333325	318755	319223	7	±2 %	±10 %	60
100 ppm Carbon Monoxide // Air	1		312061	312724	312024	7	±2 %	±10 %	60
100 ppm Carbon Monoxide // Nitrogen	1		314405	315775	312043	7	±2 %	±10 %	60
150 ppm Carbon Monoxide // Air	1		315980	332331	312040	7	±2 %	±5 %	60
200 ppm Carbon Monoxide // Air	1		312067	320709	312033	7	±2 %	±5 %	60
200 ppm Carbon Monoxide // Nitrogen	1		314413	333319	312028	7	±2 %	±5 %	60
250 ppm Carbon Monoxide // Air	1		313669	321378	312041	7	±2 %	±5 %	60
300 ppm Carbon Monoxide // Air	1		312076	312057	312023	7	±2 %	±5 %	60
500 ppm Carbon Monoxide // Air	1		313670	314383	317671	7	±2 %	±5 %	60
500 ppm Carbon Monoxide // Nitrogen	1		319461	315777	312964	7	±2 %	±5 %	60
1000 ppm Carbon Monoxide // Air	1		313953	314385	312128	7	±2 %	±5 %	60
1000 ppm Carbon Monoxide // Nitrogen	1		328753	317967	321856	7	±2 %	±5 %	60
2000 ppm Carbon Monoxide // Nitrogen	1		313099	314890	312700	7	±2 %	±5 %	60
1 % Carbon Monoxide // Air	1		316687	333945	314402	7	±2 %	±5 %	60
5 % Carbon Monoxide // Air	1		333972	333973	316785	7	±2 %	±5 %	60
5 % Carbon Monoxide // Nitrogen	1		333970	333971	314090	7	±2 %	±5 %	60
<i>Any concentration of Carbon Monoxide // Air or Nitrogen between 5 ppm - 3 %</i>	1		✓	✓	✓	7	±2 %	±5 %	60
Chlorine (Cl₂)									
5 ppm Chlorine // Nitrogen	4		X	312639	312937	12	±10 %	±20 %	12
10 ppm Chlorine // Nitrogen	4	X	313589	312644	312641	12	±10 %	±20 %	12
20 ppm Chlorine // Nitrogen	4	X	313588	314683	314539	12	±10 %	±20 %	12
50 ppm Chlorine // Nitrogen	4		X	313590	322722	12	±5 %	±10 %	12
Ethane (C₂H₆)									
100 % Ethane (2.5)	1		432792	428942	410011	7	N/A	N/A	60
Ethanol (C₂H₆O)									
130 ppm Ethanol // Nitrogen	1	X	328505	334051	324975	7	±2 %	±5 %	36
192 ppm Ethanol // Nitrogen	1	X	312219	334053	323561	7	±2 %	±5 %	36
260 ppm Ethanol // Nitrogen	1	X	322969	334050	330964	7	±2 %	±5 %	36
Ethylene (C₂H₄)									
1000 ppm Ethylene // Air	1		325235	325624	312681	7	±2 %	±5 %	60
1 % Ethylene // Air	1		314682	315076	313820	7	±2 %	±5 %	60
1 % Ethylene // Nitrogen	1		313539	326928	327317	7	±2 %	±5 %	60
1.35 % Ethylene // Air	1		313701	318834	312018	7	±2 %	±5 %	60
100 % Ethylene (2.5) (pressure restricted 400 psig)	1		432793	410012	410012	7	±2 %	±5 %	60
<i>Any concentration of Ethylene // Air between 0.1 % - 1.35 %</i>	1		✓	✓	✓	7	±2 %	±5 %	60
Ethylene Oxide (ETO) (C₂H₄O)									
10 ppm Ethylene Oxide // Nitrogen	1	X	317560	313827	313019	7	±10 %	±20 %	6
10 ppm Ethylene Oxide // Air	1	X	319367	319319	319515	7	±2 %	±10 %	6
100 ppm Ethylene Oxide // Air	1	X	316726	314893	314679	7	±2 %	±10 %	6
Helium (He)									
100 % Helium 'Premier' (5.0)	1	X	197145	446789	197141	7	N/A	N/A	60
Heptane (C₇H₁₆)									
0.2 % Heptane // Air	1		325856	325994	X	7	±2 %	±5 %	60
0.44 % Heptane // Air	1		334146	334147	X	7	±2 %	±5 %	60
0.45 % Heptane // Air	1		316009	327292	X	7	±2 %	±5 %	60
0.55 % Heptane // Air	1		318099	318611	X	7	±2 %	±5 %	60
Hexane (C₆H₁₄)									
1000 ppm Hexane // Air (pressure restricted 600 psig)	1		334144	334145	315405	7	±2 %	±5 %	60

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1200 ppm Hexane // Air (pressure restricted 450 psig)	1		312942	X	326072	7	±2 %	±5 %	60
0.5 % Hexane // Air (pressure restricted 100 psig)	1		312729	313830	312150	7	±2 %	±5 %	60
<i>Any concentration of Hexane // Air between 0.1 % - 0.5 %</i>	1		✓	✓	✓	7	±2 %	±5 %	60
Hydrogen (H₂)									
100 ppm Hydrogen // Air	1		314054	325697	313430	7	±2 %	±10 %	60
100 ppm Hydrogen // Nitrogen	1		314289	313697	312044	7	±2 %	±10 %	60
200 ppm Hydrogen // Air	1		315065	314329	314406	7	±2 %	±5 %	60
500 ppm Hydrogen // Air	1		319462	314091	314894	7	±2 %	±5 %	60
0.1 % Hydrogen // Air	1		313536	314612	312153	7	±2 %	±5 %	60
0.2 % Hydrogen // Air	1		317532	328197	321889	7	±2 %	±5 %	60
0.4 % Hydrogen // Air	1		312068	325944	318351	7	±2 %	±5 %	60
0.5 % Hydrogen // Air	1		317559	322347	314804	7	±2 %	±5 %	60
0.8 % Hydrogen // Air	1		331661	314133	319789	7	±2 %	±5 %	60
1 % Hydrogen // Air	1		312730	315541	313803	7	±2 %	±5 %	60
1 % Hydrogen // Nitrogen	1		323333	334389	319760	7	±2 %	±5 %	60
1.2 % Hydrogen // Air	1		334391	334392	319765	7	±2 %	±5 %	60
1.6 % Hydrogen // Air	1		312731	313657	317783	7	±2 %	±5 %	60
2 % Hydrogen // Air	1		312071	316519	312025	7	±2 %	±5 %	60
10 % Hydrogen // Nitrogen	1		315900	320102	315901	7	±2 %	±5 %	60
100 % Hydrogen 'Premier Plus' (5.0)	1		197147	401822	197137	7	N/A	N/A	60
Hydrogen Chloride (HCl)									
5 ppm Hydrogen Chloride // Nitrogen	4	X	444658	199392	446912	12	±10 %	±20 %	12
10 ppm Hydrogen Chloride // Nitrogen	4	X	199388	197129	199403	12	±10 %	±20 %	12
20 ppm Hydrogen Chloride // Nitrogen	4	X	199270	403192	403196	12	±10 %	±20 %	12
25 ppm Hydrogen Chloride // Nitrogen	4	X	199689	414188	197130	12	±5 %	±10 %	12
50 ppm Hydrogen Chloride // Nitrogen	4	X	446913	401825	432942	12	±5 %	±10 %	12
Hydrogen Cyanide (HCN)									
5 ppm Hydrogen Cyanide // Nitrogen	4	X	446858	400563	422420	12	±5 %	±10 %	12
10 ppm Hydrogen Cyanide // Nitrogen	4	X	197143	197131	197132	12	±5 %	±10 %	12
20 ppm Hydrogen Cyanide // Nitrogen	4	X	446859	430724	408066	12	±5 %	±10 %	12
25 ppm Hydrogen Cyanide // Nitrogen	4	X	199602	418489	199792	12	±5 %	±10 %	12
Hydrogen Sulphide (H₂S)									
5 ppm Hydrogen Sulphide // Air	2	X	322744	319831	X	15	±10 %	±20 %	12
5 ppm Hydrogen Sulphide // Nitrogen	2		319361	327444	317531	15	±10 %	±20 %	18
10 ppm Hydrogen Sulphide // Air	2	X	313949	312152	X	15	±10 %	±20 %	12
10 ppm Hydrogen Sulphide // Nitrogen	2		314285	312147	312144	15	±10 %	±20 %	18
15 ppm Hydrogen Sulphide // Nitrogen	2		313429	320574	313895	15	±10 %	±20 %	18
20 ppm Hydrogen Sulphide // Air	2	X	313698	312160	X	15	±10 %	±20 %	12
20 ppm Hydrogen Sulphide // Nitrogen	2		322259	313461	312158	15	±10 %	±20 %	18
25 ppm Hydrogen Sulphide // Air	2	X	312698	312175	X	15	±5 %	±10 %	12
25 ppm Hydrogen Sulphide // Nitrogen	2		312168	312169	312172	15	±5 %	±10 %	18
40 ppm Hydrogen Sulphide // Nitrogen	2		314395	314330	315680	15	±5 %	±10 %	18
25 ppm Hydrogen Sulphide // Nitrogen	2		312168	312169	312172	15	±5 %	±10 %	18
30 ppm Hydrogen Sulphide // Air	2	X	312683	312113	X	15	±5 %	±10 %	12
40 ppm Hydrogen Sulphide // Air	2	X	320743	312181	X	15	±5 %	±10 %	12
50 ppm Hydrogen Sulphide // Air	2	X	312719	312187	X	15	±5 %	±10 %	12
50 ppm Hydrogen Sulphide // Nitrogen	2		312969	312185	312184	15	±5 %	±10 %	18
100 ppm Hydrogen Sulphide // Nitrogen	2		315162	318231	312141	15	±2 %	±10 %	18
100 ppm Hydrogen Sulphide // Air	2	X	313109	312900	X	15	±2 %	±5 %	12
150 ppm Hydrogen Sulphide // Air	2	X	334420	320687	X	15	±2 %	±5 %	12
250 ppm Hydrogen Sulphide // Air	2	X	314234	334421	X	15	±2 %	±5 %	12
250 ppm Hydrogen Sulphide // Nitrogen	2		320383	314800	316786	15	±2 %	±5 %	18
500 ppm Hydrogen Sulphide // Nitrogen	2		313946	314506	314384	15	±2 %	±5 %	18
1000 ppm Hydrogen Sulphide // Nitrogen	2		320382	333336	318027	15	±2 %	±5 %	18
1400 ppm Hydrogen Sulphide // Nitrogen	2		334423	314598	317778	15	±2 %	±5 %	18
1 % Hydrogen Sulphide // Nitrogen	2		320461	334419	312703	15	±2 %	±5 %	18
Methane (CH₄)									
100 ppm Methane // Air	1		314059	312949	322144	7	±2 %	±10 %	60
1000 ppm Methane // Air	1		315645	326530	314092	7	±2 %	±5 %	60
0.44 % Methane // Air	1		315771	326679	314184	7	±2 %	±5 %	60
0.5 % Methane // Air	1		321262	327015	312026	7	±2 %	±5 %	60
0.88 % Methane // Air	1		321200	322803	312659	7	±2 %	±5 %	60
1 % Methane // Air	1		312675	315075	312019	7	±2 %	±5 %	60
1 % Methane // Nitrogen	1		320964	334454	312020	7	±2 %	±5 %	60
2.5 % Methane // Nitrogen	1		314382	321506	312013	7	±2 %	±5 %	60
1.25 % Methane // Air	1		314050	326676	312022	7	±2 %	±5 %	60
1.5 % Methane // Air	1		327094	327093	316691	7	±2 %	±5 %	60

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1.8 % Methane // Air	1		314397	312054	313956	7	±2 %	±5 %	60
2 % Methane // Air	1		312062	314048	312029	7	±2 %	±5 %	60
2.2 % Methane // Air	1		312065	313498	312049	7	±2 %	±5 %	60
2.5 % Methane // Air	1		312075	312059	312030	7	±2 %	±5 %	60
3 % Methane // Nitrogen	1		333128	329431	312032	7	±2 %	±5 %	60
5 % Methane // Nitrogen	1		321201	324982	317167	7	±2 %	±5 %	60
8 % Methane // Nitrogen	1		329100	334456	321546	7	±2 %	±5 %	60
10 % Methane // Nitrogen	1		315947	325938	312037	7	±2 %	±5 %	60
20 % Methane // Nitrogen	1		317780	334457	312704	7	±2 %	±5 %	60
50 % Methane // Nitrogen	1		312748	319829	312634	7	±2 %	±5 %	60
50 % Methane // Carbon Dioxide (pressure restricted 650 psig)	1		312904	324374	314508	7	±2 %	±5 %	60
60 % Methane // Carbon Dioxide (pressure restricted 800 psig)	1		313116	312202	327613	7	±2 %	±5 %	60
100 % Methane (2.5)	1		199605	199381	197139	7	N/A	N/A	60
<i>Any concentration of Methane // Air between 5 ppm - 2.5 %</i>	1		✓	✓	✓	7			60
Nitric Oxide (NO)									
10 ppm Nitric Oxide // Nitrogen	2	X	313107	312970	313948	15	±10 %	±20 %	12
25 ppm Nitric Oxide // Nitrogen	2	X	312972	312240	312971	15	±5 %	±10 %	12
50 ppm Nitric Oxide // Nitrogen	2	X	312973	314265	312665	15	±5 %	±10 %	12
100 ppm Nitric Oxide // Nitrogen	2	X	312963	313531	312956	15	±2 %	±10 %	12
500 ppm Nitric Oxide // Nitrogen	2	X	317184	316019	322146	15	±2 %	±10 %	12
1000 ppm Nitric Oxide // Nitrogen	2	X	316789	312962	312961	15	±2 %	±5 %	12
4000 ppm Nitric Oxide // Nitrogen	2	X	334458	334459	315672	15	±2 %	±5 %	12
Nitrogen (N₂)									
100 % Nitrogen 'Technical' (5.0)	1		197146	197135	197140	7	N/A	N/A	60
Nitrogen Dioxide (NO₂)									
5 ppm Nitrogen Dioxide // Air	3	X	312646	313462	314891	15	±10 %	±20 %	6
5 ppm Nitrogen Dioxide // Nitrogen	3	X	312943	332788	316933	15	±10 %	±20 %	6
10 ppm Nitrogen Dioxide // Air	3	X	312215	312214	312674	15	±10 %	±20 %	6
10 ppm Nitrogen Dioxide // Nitrogen	3	X	319915	313821	315677	15	±10 %	±20 %	6
20 ppm Nitrogen Dioxide // Air	3	X	312905	312946	315074	15	±10 %	±20 %	6
25 ppm Nitrogen Dioxide // Air	3	X	313118	316531	313101	15	±5 %	±10 %	6
100 ppm Nitrogen Dioxide // Air	3	X	313167	314205	316021	15	±5 %	±10 %	6
100 ppm Nitrogen Dioxide // Nitrogen	3	X	334460	313532	318947	15	±2 %	±10 %	6
500 ppm Nitrogen Dioxide // Nitrogen	3	X	327567	334461	315671	15	±2 %	±5 %	6
1000 ppm Nitrogen Dioxide // Air	3	X	316017	333316	333313	15	±2 %	±5 %	6
Nitrous Oxide (N₂O)									
100 ppm Nitrous Oxide // Nitrogen	1		312213	326391	315540	7	±2 %	±10 %	60
200 ppm Nitrous Oxide // Nitrogen	1		313958	328950	333466	7	±2 %	±5 %	60
1 % Nitrous Oxide // Nitrogen	1		331407	331914	315774	7	±2 %	±5 %	60
Oxygen (O₂)									
100 ppm Oxygen // Nitrogen	1	X	334462	316494	313175	7	±2 %	±10 %	60
0.4 % Oxygen // Nitrogen	1		324148	326012	312014	7	±2 %	±5 %	60
1 % Oxygen // Nitrogen	1		313506	16497	313892	7	±2 %	±5 %	60
2 % Oxygen // Nitrogen	1		315532	334294	312050	7	±2 %	±5 %	60
4 % Oxygen // Nitrogen	1		318610	314409	312670	7	±2 %	±5 %	60
5 % Oxygen // Nitrogen	1		312069	316493	312038	7	±2 %	±5 %	60
8 % Oxygen // Nitrogen	1		317188	316724	312051	7	±2 %	±5 %	60
10 % Oxygen // Nitrogen	1		319360	314629	313534	7	±2 %	±5 %	60
15 % Oxygen // Nitrogen	1		312720	318226	312727	7	±2 %	±5 %	60
18 % Oxygen // Nitrogen	1		314722	314286	313651	7	±2 %	±5 %	60
18.5 % Oxygen // Nitrogen	1		314718	334569	312042	7	±2 %	±5 %	60
20.9 % Oxygen // Nitrogen	1		312070	312058	312016	7	±2 %	±5 %	60
23.5 % Oxygen // Nitrogen	1		323558	326810	327416	7	±2 %	±5 %	60
<i>Any concentration of Oxygen // Nitrogen between 0.1 % - 21 %</i>	1	X	✓	✓	✓	7	±2 %	±5 %	60
Pentane (C₅H₁₂)									
0.7 % Pentane // Air	1		313156	312156	312155	7	±2 %	±5 %	60
<i>Any concentration of Pentane in Air between 0.1 % - 0.7 %</i>	1		✓	✓	✓	7	±2 %	±5 %	60
Phosphine (PH₃)									
0.5 ppm Phosphine // Nitrogen	4	X	199405	199390	411491	12	±10 %	±20 %	12
5 ppm Phosphine // Nitrogen	4	X	406787	414925	400561	12	±10 %	±20 %	12
10 ppm Phosphine // Nitrogen	4	X	199603	403193	446914	12	±10 %	±20 %	12
Propane (C₃H₈)									
0.1 % Propane // Air	1		317558	313954	315713	7	±2 %	±5 %	60
0.5 % Propane // Air	1		312066	317181	314681	7	±2 %	±5 %	60
0.68 % Propane // Air	1		312941	312055	322344	7	±2 %	±5 %	60
0.85 % Propane // Air	1		312064	314401	312046	7	±2 %	±5 %	60
0.9 % Propane // Air	1		319465	328113	321886	7	±2 %	±5 %	60

Mixture	Cat.	Aerosol	34L	58L	110L	Days	Cert. tol.	Prod. tol.	Stability (months)
1 % Propane // Air	1		312077	312053	312047	7	±2 %	±5 %	60
1.1 % Propane // Air	1		312072	314885	312048	7	±2 %	±5 %	60
50 % Propane // Nitrogen	1		315536	326644	324629	7	±2 %	±5 %	60
100 % Propane (2.5)	1		430304	443722	443722	7	N/A	N/A	60
<i>Any concentration of Propane // Air between 5 ppm - 1.1 %</i>	1		✓	✓	✓	7			60
Propylene (C₃H₆)									
1 % Propylene // Air	1		315077	317602	315398	7	±2 %	±5 %	60
Refrigerant R1234YF									
1000 ppm Refrigerant R1234YF // Air	1		339421	335745	339420	7	±2 %	±5 %	60
Refrigerant R123									
1000 ppm Refrigerant R123 // Air	1		334588	339350	339349	7	±2 %	±5 %	60
Refrigerant R134A									
500 ppm Refrigerant R134A // Air	1		314463	320938	313424	7	±2 %	±5 %	60
1000 ppm Refrigerant R134A // Air	1		312124	313495	312123	7	±2 %	±5 %	60
2000 ppm Refrigerant R134A // Air	1		320337	316529	321377	7	±2 %	±5 %	60
Refrigerant R14									
1000 ppm Refrigerant R14 // Air	1		335148	335104	335105	7	±2 %	±5 %	60
Refrigerant R143A									
1000 ppm Refrigerant R143A // Air	1		328703	314848	329371	7	±2 %	±5 %	60
Refrigerant R22									
100 ppm Refrigerant R22 // Air	1		332789	334623	327974	7	±2 %	±10 %	60
1000 ppm Refrigerant R22 // Air	1		314548	321969	315130	7	±2 %	±5 %	60
2000 ppm Refrigerant R22 // Air	1		334624	334626	334625	7	±2 %	±5 %	60
Refrigerant R23									
1000 ppm Refrigerant R23 // Air	1		334693	334696	334676	7	±2 %	±5 %	60
Refrigerant R404A									
500 ppm Refrigerant R404A // Air	1		334694	327991	327768	7	±2 %	±5 %	60
1000 ppm Refrigerant R404A // Air	1		320625	322665	320098	7	±2 %	±5 %	60
2000 ppm Refrigerant R404A // Air	1		334714	334715	325414	7	±2 %	±5 %	60
Refrigerant R407A									
1000 ppm Refrigerant R407A // Air	1		339554	339552	339551	7	±2 %	±5 %	60
Refrigerant R407C									
1000 ppm Refrigerant R407C // Air	1		328225	322664	319479	7	±2 %	±5 %	60
Refrigerant R410A									
1000 ppm Refrigerant R410A // Air	1		322115	328951	319174	7	±2 %	±5 %	60
3000 ppm Refrigerant R410A // Air	1		334716	334717	333324	7	±2 %	±5 %	60
Refrigerant R422D									
1000 ppm Refrigerant R422D // Air	1		339681	339659	339658	7	±2 %	±5 %	60
Refrigerant R507									
1000 ppm Refrigerant R507 // Air	1		327168	334719	333333	7	±2 %	±5 %	60
2000 ppm Refrigerant R507 // Air	1		332766	334721	328824	7	±2 %	±5 %	60
Silane (SiH₄)									
5 ppm Silane // Nitrogen	4	✗	199393	199394	406788	12	±10 %	±20 %	12
10 ppm Silane // Nitrogen	4	✗	403197	409398	414446	12	±10 %	±20 %	12
15 ppm Silane // Nitrogen	4	✗	421142	199389	417922	12	±10 %	±20 %	12
Sulphur Dioxide (SO₂)									
10 ppm Sulphur Dioxide // Nitrogen	2		312721	312243	312241	15	±10 %	±20 %	12*
20 ppm Sulphur Dioxide // Nitrogen	2		313174	314058	315275	15	±10 %	±20 %	12*
100 ppm Sulphur Dioxide // Nitrogen	2		334745	313533	313944	15	±2 %	±10 %	12*
2000 ppm Sulphur Dioxide // Nitrogen	2		334746	334747	315501	15	±2 %	±5 %	12*
<i>Any concentration of Sulphur Dioxide // Air between 5 ppm - 100 ppm</i>	2	✓	✓	✓	✓	15			12*
<i>Any concentration of Sulphur Dioxide // Nitrogen between 5 ppm - 2000 ppm</i>	2	✓	✓	✓	✓	15			12*
Sulphur Hexafluoride (SF₆)									
500 ppm Sulphur Hexafluoride // Air	1		318277	334749	326148	7	±2 %	±5 %	60
1000 ppm Sulphur Hexafluoride // Air	1		314185	334863	320099	7	±2 %	±5 %	60
1 % Sulphur Hexafluoride // Air	1		334864	334865	333924	7	±2 %	±5 %	60
100 % Sulphur Hexafluoride (4.0)	1		446790	404333	404333	7	N/A	N/A	60
Toluene (C₇H₈)									
100 ppm Toluene // Air (pressure restricted 750 psig)	1		333332	333331	313113	7	±2 %	±10 %	60
200 ppm Toluene // Air (pressure restricted 400 psig)	1		327123	334866	314240	7	±2 %	±5 %	60
Vinyl Chloride (VCM) (C₂H₃Cl)									
10 ppm Vinyl Chloride // Nitrogen	3	✗	313649	326073	325696	15	±10 %	±20 %	60
2-gas mixes									
1 % Propane / 18 % Oxygen // Nitrogen	1		333339	334892	319010	7	±2 %	±5 %	60
8 % Butane / 13.8 % Carbon Dioxide // Nitrogen (pressure restricted 100 psig)	1		312637	326074	317521	7	±2 %	±5 %	60
1 % Methane / 3 % Carbon Dioxide // Nitrogen	1		323882	334893	334894	7	±2 %	±5 %	60
1.5 % Methane / 15 % Oxygen // Nitrogen	1		313157	334895	312159	7	±2 %	±5 %	60

Mixture	Cat.	Aerosol	34L	58L	110L	Days	Cert. tol.	Prod. tol.	Stability (months)
1.62 % Methane / 18 % Oxygen // Nitrogen	1		320628	334897	334896	7	±2%	±5%	60
0.9 % Butane / 18 % Oxygen // Nitrogen	1		334948	334949	322614	7	±2%	±5%	60
0.7 % Pentane / 15 % Oxygen // Nitrogen	1		327082	X	333575	7	±2%	±5%	60
0.7 % Pentane / 18 % Oxygen // Nitrogen	1		335031	329096	322616	7	±2%	±5%	60
25 % Nitrogen / 35 % Carbon Dioxide // Methane	1		335029	335030	315941	7	±2%	±5%	60
2.2 % Methane / 18 % Oxygen // Nitrogen	1		317603	319583	322615	7	±2%	±5%	60
2.5 % Methane / 18 % Oxygen // Nitrogen	1		317598	317601	321835	7	±2%	±5%	60
5 % Methane / 10 % Carbon Dioxide // Nitrogen	1		335110	313128	333323	7	±2%	±5%	60
0.5 % Oxygen / 30 % Carbon Dioxide // Nitrogen	1		333311	333312	332611	7	±2%	±5%	60
3-gas mixes									
2 % Carbon Dioxide / 2.5 % Methane / 15 % Oxygen // Nitrogen	2		321547	312182	312183	7	±2%	±5%	60
50 ppm Carbon Monoxide / 4 % Methane / 5 % Carbon Dioxide // Nitrogen	2		335112	335113	312189	7	±2%	±5%	60
5 % Carbon Dioxide / 5 % Methane / 6 % Oxygen // Nitrogen	2		333335	312945	312740	7	±2%	±5%	60
50 ppm Carbon Monoxide / 2.2 % Methane / 18 % Oxygen // Nitrogen	2		335320	335321	320051	7	±2%	±5%	60
50 ppm Carbon Monoxide / 2.5 % Methane / 12 % Oxygen // Nitrogen	2		317405	316069	314802	7	±2%	±5%	60
50 ppm Carbon Monoxide / 2.5 % Methane / 18 % Oxygen // Nitrogen	2		335322	335323	314095	7	±2%	±5%	60
100 ppm Carbon Monoxide / 2.2 % Methane / 15 % Oxygen // Nitrogen	2		312207	318227	318677	7	±2%	±5%	60
100 ppm Carbon Monoxide / 2.5 % Methane / 19 % Oxygen // Nitrogen	2		312078	320908	312741	7	±2%	±5%	60
100 ppm Carbon Monoxide / 2.5 % methane / 18 % Oxygen // Nitrogen	2		317605	317604	330312	7	±2%	±5%	60
100 ppm Carbon Monoxide / 2.2 % methane / 18 % Oxygen // Nitrogen	2		317607	317606	324949	7	±2%	±5%	60
25 ppm Hydrogen Sulphide / 2.5 % Methane / 18.5 % Oxygen // Nitrogen	3	X	312682	313502	X	15	Dif.	Dif.	12
50 ppm Hydrogen Sulphide / 2.5 % Methane / 17 % Oxygen // Nitrogen	3	X	313648	335324	X	15	Dif.	Dif.	12
15 ppm Hydrogen Sulphide / 0.75 % Methane / 18 % Oxygen // Nitrogen	3	X	335325	318676	X	15	Dif.	Dif.	12
50 ppm Hydrogen Sulphide / 0.75 % Iso-Butane / 12 % Oxygen // Nitrogen	3	X	327043	312209	X	15	Dif.	Dif.	12
4-gas (quad) mixes									
60 ppm CO / 1.5 % CO ₂ / 2.5 % CH ₄ / 18 % O ₂ // N ₂	2		335435	335436	315544	7	±2%	±5%	60
100 ppm Carbon Monoxide / 2 % Carbon Dioxide / 2.2 % Methane / 15 % Oxygen // Nitrogen	2		312178	312180	312179	7	±2%	±5%	60
100 ppm Carbon Monoxide / 2 % Carbon Dioxide / 0.75 % Propane / 15 % Oxygen // Nitrogen	2		335439	319788	317616	7	±2%	±5%	60
100 ppm Hydrogen / 100 ppm Methane / 5 % Carbon Dioxide / 16 % Oxygen // Nitrogen	2		335440	333337	329270	7	±2%	±5%	60
10 ppm H ₂ S / 50 ppm CO / 2.2 % CH ₄ / 18 % O ₂ // N ₂	3	X	332283	312706	X	15	Dif.	Dif.	12
10 ppm H ₂ S / 50 ppm CO / 2.5 % CH ₄ / 18 % O ₂ // N ₂	3	X	315593	312650	X	15	Dif.	Dif.	12
10 ppm H ₂ S / 50 ppm CO / 2.5 % CH ₄ / 20.9 % O ₂ // N ₂	3	X	332286	312200	X	15	Dif.	Dif.	12
15 ppm H ₂ S / 50 ppm CO / 2.5 % CH ₄ / 18 % O ₂ // N ₂	3	X	334923	313129	X	15	Dif.	Dif.	12
15 ppm H ₂ S / 100 ppm CO / 2.5 % CH ₄ / 18 % O ₂ // N ₂	3	X	314000	312121	X	15	Dif.	Dif.	12
15 ppm H ₂ S / 100 ppm CO / 2 % CO ₂ / 15 % O ₂ // N ₂	3	X	312216	314009	X	15	Dif.	Dif.	12
15 ppm H ₂ S / 250 ppm CO / 2.5 % CH ₄ / 18 % O ₂ // N ₂	3	X	318503	312952	X	15	Dif.	Dif.	12
15 ppm H ₂ S / 2 % CO ₂ / 2.5 % CH ₄ / 15 % O ₂ // N ₂	3	X	313428	313177	X	15	Dif.	Dif.	12
20 ppm H ₂ S / 60 ppm CO / 1.45 % CH ₄ / 15 % O ₂ // N ₂	3	X	316016	312242	X	15	Dif.	Dif.	12
25 ppm H ₂ S / 50 ppm CO / 1.62 % CH ₄ / 18 % O ₂ // N ₂	3	X	320048	320176	X	15	Dif.	Dif.	12
25 ppm H ₂ S / 50 ppm CO / 2.2 % CH ₄ / 12 % O ₂ // N ₂	3	X	328729	329582	X	15	Dif.	Dif.	12
25 ppm H ₂ S / 50 ppm CO / 2.2 % CH ₄ / 18 % O ₂ // N ₂	3	X	335513	312199	X	15	Dif.	Dif.	12
25 ppm H ₂ S / 50 ppm CO / 2.5 % CH ₄ / 18 % O ₂ // N ₂	3	X	314538	312138	X	15	Dif.	Dif.	12
25 ppm H ₂ S / 50 ppm CO / 2.5 % CH ₄ / 19 % O ₂ // N ₂	3	X	329994	333297	X	15	Dif.	Dif.	12
25 ppm H ₂ S / 50 ppm CO / 2.5 % CH ₄ / 20.9 % O ₂ // N ₂	3	X	332330	317408	X	15	Dif.	Dif.	12
25 ppm H ₂ S / 50 ppm CO / 2.5 % CH ₄ / 12.0 % O ₂ // N ₂	3	X	312137	312663	X	15	Dif.	Dif.	12
25 ppm H ₂ S / 50 ppm CO / 0.75 % Iso-Butane / 12 % O ₂ // N ₂	3	X	312195	312233	X	15	Dif.	Dif.	12
25 ppm H ₂ S / 50 ppm CO / 0.9 % Iso-Butane / 12 % O ₂ // N ₂	3	X	313160	312651	X	15	Dif.	Dif.	12
25 ppm H ₂ S / 65 ppm CO / 1.5 % CH ₄ / 18.5 % O ₂ // N ₂	3	X	335514	315531	X	15	Dif.	Dif.	12
25 ppm H ₂ S / 100 ppm CO / 1.25 % CH ₄ / 18 % O ₂ // N ₂	3	X	317672	319480	X	15	Dif.	Dif.	12
25 ppm H ₂ S / 100 ppm CO / 2.2 % CH ₄ / 18 % O ₂ // N ₂	3	X	312118	312117	X	15	Dif.	Dif.	12
25 ppm H ₂ S / 100 ppm CO / 2.2 % CH ₄ / 20.9 % O ₂ // N ₂	3	X	319435	316092	X	15	Dif.	Dif.	12
25 ppm H ₂ S / 100 ppm CO / 2.5 % CH ₄ / 18 % O ₂ // N ₂	3	X	312198	312201	X	15	Dif.	Dif.	12
25 ppm H ₂ S / 100 ppm CO / 2.5 % CH ₄ / 18.5 % O ₂ // N ₂	3	X	313159	312191	X	15	Dif.	Dif.	12
25 ppm H ₂ S / 100 ppm CO / 2.5 % CH ₄ / 19 % O ₂ // N ₂	3	X	312940	315870	X	15	Dif.	Dif.	12
25 ppm H ₂ S / 100 ppm CO / 2.5 % CH ₄ / 20.9 % O ₂ // N ₂	3	X	312705	312244	X	15	Dif.	Dif.	12
25 ppm H ₂ S / 100 ppm CO / 0.85 % Propane / 18 % O ₂ // N ₂	3	X	319878	319877	X	15	Dif.	Dif.	12
25 ppm H ₂ S / 100 ppm CO / 0.35 % Pentane / 20.9 % O ₂ // N ₂	3	X	326282	314131	X	15	Dif.	Dif.	12
25 ppm H ₂ S / 100 ppm CO / 0.7 % Pentane / 18 % O ₂ // N ₂	3	X	320464	319221	X	15	Dif.	Dif.	12
25 ppm H ₂ S / 100 ppm CO / 1.1 % Propane / 18 % O ₂ // N ₂	3	X	319433	312210	X	15	Dif.	Dif.	12
25 ppm H ₂ S / 100 ppm CO / 1.1 % Propane / 19 % O ₂ // N ₂	3	X	333318	312208	X	15	Dif.	Dif.	12
25 ppm H ₂ S / 200 ppm CO / 2.5 % CH ₄ / 17 % O ₂ // N ₂	3	X	335515	321818	X	15	Dif.	Dif.	12
25 ppm H ₂ S / 200 ppm CO / 0.7 % Pentane / 18 % O ₂ // N ₂	3	X	335521	320550	X	15	Dif.	Dif.	12
40 ppm H ₂ S / 100 ppm CO / 2.2 % CH ₄ / 15 % O ₂ // N ₂	3	X	312119	314889	X	15	Dif.	Dif.	12
40 ppm H ₂ S / 100 ppm CO / 2.5 % CH ₄ / 15 % O ₂ // N ₂	3	X	312131	314467	X	15	Dif.	Dif.	12
40 ppm H ₂ S / 2 % CO ₂ / 2.5 % CH ₄ / 15 % O ₂ // N ₂	3	X	312133	312134	X	15	Dif.	Dif.	12
50 ppm H ₂ S / 200 ppm CO / 2.2 % CH ₄ / 17 % O ₂ // N ₂	3	X	312686	312673	X	15	Dif.	Dif.	12
50 ppm H ₂ S / 200 ppm CO / 2.5 % CH ₄ / 17 % O ₂ // N ₂	3	X	320465	314115	X	15	Dif.	Dif.	12

Mixture	Cat.	Aerosol	34L	58L	110L	Days	Cert. tol.	Prod. tol.	Stability (months)
50 ppm H ₂ S / 500 ppm CO / 2.5 % CH ₄ / 18 % O ₂ // N ₂	3	X	327042	312939	X	15	Dif.	Dif.	12
5-gas (quint) mixes									
15 ppm H ₂ S / 50 ppm CO / 2 % CO ₂ / 2.5 % CH ₄ / 18 % O ₂ // N ₂	4	X	335517	326040	X	15	Dif.	Dif.	12
15 ppm H ₂ S / 100 ppm CO / 1 % CO ₂ / 2.5 % CH ₄ / 18 % O ₂ // N ₂	4	X	312880	317524	X	15	Dif.	Dif.	12
15 ppm H ₂ S / 100 ppm CO / 2 % CO ₂ / 2.5 % CH ₄ / 15 % O ₂ // N ₂	4	X	315250	312652	X	15	Dif.	Dif.	12
15 ppm H ₂ S / 100 ppm CO / 2 % CO ₂ / 0.75 % Butane / 15 % O ₂ // N ₂	4	X	335518	335519	X	15	Dif.	Dif.	12
25 ppm H ₂ S / 100 ppm CO / 5000 ppm CO ₂ / 2.2 % CH ₄ / 18 % O ₂ // N ₂	4	X	319453	318857	X	15	Dif.	Dif.	12
25 ppm H ₂ S / 100 ppm CO / 5000 ppm CO ₂ / 2.5 % CH ₄ / 18 % O ₂ // N ₂	4	X	319460	319459	X	15	Dif.	Dif.	12
25 ppm H ₂ S / 100 ppm CO / 2 % CO ₂ / 2.5 % CH ₄ / 20.9 % O ₂ // N ₂	4	X	335520	327770	X	15	Dif.	Dif.	12
40 ppm H ₂ S / 100 ppm CO / 2 % CO ₂ / 2.2 % CH ₄ / 15 % O ₂ // N ₂	4	X	319876	334631	X	15	Dif.	Dif.	12
Complex Mixtures									
10 ppm Benzene									
10 ppm Ethyl-Benzene									
10 ppm Toluene									
10 ppm M-Xylene	2		335914	333328	333329	7	±10%	±20%	60
10 ppm O-Xylene									
10 ppm P-Xylene									
Balance Nitrogen									
100 ppm Hydrogen									
500 ppm Carbon Dioxide									
500 ppm Carbon Monoxide									
500 ppm Ethane	2		335914	333328	333329	7	±10%	±20%	60
500 ppm Ethylene									
500 ppm Acetylene									
500 ppm Methane									
Balance Air									
100 ppm Methane									
100 ppm Ethane									
100 ppm Propane									
100 ppm Butane	2		335915	335943	331739	7	±2%	±10%	60
100 ppm Pentane									
100 ppm Hexane									
Balance Nitrogen									

* 6 months for aerosol canisters

Disclaimer: The information contained within this table is accurate at the time of going to print and is subject to ongoing revisions without notice.

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