

Non-refillable canisters

Standard product list



(Revision 14, April 2020)

All mixtures in this table 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		312090	314468	319359	313131	7	±2 %	±5 %	60
<i>Any concentration of Acetylene // Air between 0.1 % - 0.92 %</i>	1	✓	✓	✓	✓	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	✗	313153	312229	312680	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		333530	312079	326596	314241	7	±10 %	±20 %	60
Butane (C₄H₁₀)										
0.4 % Butane // Air	1		312143	323518	333531	333321	7	±2 %	±5 %	60
0.6 % Butane // Air	1		312884	323519	314056	315134	7	±2 %	±5 %	60
0.7 % Butane // Air	1		318890	313695	321223	312708	7	±2 %	±5 %	60
0.75 % Butane // Air	1		318640	312136	313423	312135	7	±2 %	±5 %	60
0.9 % Butane // Air	1		314138	312907	325619	312142	7	±2 %	±5 %	60
8 % Butane // Nitrogen*	1		312140	313501	✗	333576	7	±2 %	±5 %	60
8 % Butane / 13.8 % CO ₂ // Nitrogen*	1		312638	312637	✗	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		312125	315394	315395	312126	7	±2 %	±5 %	60
0.9 % Iso-Butane // Air	1		312194	312226	315872	312203	7	±2 %	±5 %	60
7.5 % Iso-Butane // Nitrogen*	1		333729	333730	✗	376137	7	±2 %	±5 %	60
8 % Iso-Butane // Nitrogen*	1		312115	333731	✗	314977	7	±2 %	±5 %	60
10 % Iso-Butane // Nitrogen*	1		312225	312224	✗	333946	7	±2 %	±5 %	60
Iso-Butylene (I-C₄H₈)										
8 ppm Iso-Butylene // Air	1		333592	333327	327463	315869	7	±10 %	±20 %	60
10 ppm Iso-Butylene // Air	1		364953	313120	326206	312948	7	±10 %	±20 %	60
100 ppm Iso-Butylene // Air	1		312093	312074	312052	312045	7	±2 %	±10 %	60
1000 ppm Iso-Butylene // Air	1		333593	321402	333334	312938	7	±2 %	±5 %	60
Carbon Dioxide (CO₂)										
500 ppm Carbon Dioxide // Nitrogen	1		313496	324680	333944	316934	7	±2 %	±5 %	60
500 ppm Carbon Dioxide // Air	1		333326	312063	315979	321012	7	±2 %	±5 %	60
1000 ppm Carbon Dioxide // Air	1		315867	313102	315977	319155	7	±2 %	±5 %	60
5000 ppm Carbon Dioxide // Air	1		312965	317406	315339	312953	7	±2 %	±5 %	60
5000 ppm Carbon Dioxide // Nitrogen	1		315640	318352	318228	314051	7	±2 %	±5 %	60
1 % Carbon Dioxide // Air	1		314134	313775	316932	312696	7	±2 %	±5 %	60
1 % Carbon Dioxide // Nitrogen	1		317609	313108	319137	312034	7	±2 %	±5 %	60

* Pressure restricted in some canister sizes

Mixture	Cat.	Aerosol	34L	58L	110L	Days	Cert. tol.	Prod. tol.	Stability (months)
1 % Carbon Dioxide // Nitrogen	1	317609	313108	319137	312034	7	±2 %	±5 %	60
1.5 % Carbon Dioxide // Air	1	312879	332698	322166	313535	7	±2 %	±5 %	60
2 % Carbon Dioxide // Air	1	315505	312718	320575	312036	7	±2 %	±5 %	60
2 % Carbon Dioxide // Nitrogen	1	313123	321322	315780	312701	7	±2 %	±5 %	60
3 % Carbon Dioxide // Nitrogen	1	315905	325416	317407	314387	7	±2 %	±5 %	60
3 % Carbon Dioxide // Air	1	315537	314453	314400	312035	7	±2 %	±5 %	60
5 % Carbon Dioxide // Air	1	312098	312661	314680	312017	7	±2 %	±5 %	60
5 % Carbon Dioxide // Nitrogen	1	312084	314675	313774	312031	7	±2 %	±5 %	60
10 % Carbon Dioxide // Air	1	313831	314888	313154	312699	7	±2 %	±5 %	60
10 % Carbon Dioxide // Nitrogen	1	319666	333315	333314	314398	7	±2 %	±5 %	60
18 % Carbon Dioxide // Argon	1	✓	✓	✓	323432	7	±2 %	±5 %	60
20 % Carbon Dioxide // Air	1	333533	318405	326445	316926	7	±2 %	±5 %	60
30 % Carbon Dioxide // Argon	1	✓	✓	✓	323433	7	±2 %	±5 %	60
40 % Carbon Dioxide // Methane	1	313127	313116	312202	327613	7	±2 %	±5 %	60
50 % Carbon Dioxide // Nitrogen*	1	315978	312966	312056	344391	7	±2 %	±5 %	60
50 % Carbon Dioxide // Methane*	1	314386	312904	376840	314508	7	±2 %	±5 %	60
60 % Carbon Dioxide // Nitrogen*	1	✓	369180	✗	329129	7	±2 %	±5 %	60
80 % Carbon Dioxide // Nitrogen*	1	✓	357837	✗	315975	7	±2 %	±5 %	60
100 % Carbon Dioxide (3.0)*	1	403194	440595	✗	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	312100	313106	312723	312027	7	±10 %	±20 %	60
20 ppm Carbon Monoxide // Nitrogen	1	323517	312060	329554	327485	7	±10 %	±20 %	60
50 ppm Carbon Monoxide // Air	1	312085	312896	313459	312039	7	±5 %	±10 %	60
60 ppm Carbon Monoxide // Air	1	312082	333325	318755	319223	7	±2 %	±10 %	60
100 ppm Carbon Monoxide // Air	1	312110	312061	312724	312024	7	±2 %	±10 %	60
100 ppm Carbon Monoxide // Nitrogen	1	313907	314405	315775	312043	7	±2 %	±10 %	60
150 ppm Carbon Monoxide // Air	1	312107	315980	332331	312040	7	±2 %	±5 %	60
200 ppm Carbon Monoxide // Air	1	312111	312067	320709	312033	7	±2 %	±5 %	60
200 ppm Carbon Monoxide // Nitrogen	1	323885	314413	333319	312028	7	±2 %	±5 %	60
250 ppm Carbon Monoxide // Air	1	315502	313669	321378	312041	7	±2 %	±5 %	60
300 ppm Carbon Monoxide // Air	1	312086	312076	312057	312023	7	±2 %	±5 %	60
500 ppm Carbon Monoxide // Air	1	318888	313670	314383	317671	7	±2 %	±5 %	60
500 ppm Carbon Monoxide // Nitrogen	1	317030	319461	315777	312964	7	±2 %	±5 %	60
1000 ppm Carbon Monoxide // Air	1	312127	313953	314385	312128	7	±2 %	±5 %	60
1000 ppm Carbon Monoxide // Nitrogen	1	327464	328753	317967	321856	7	±2 %	±5 %	60
2000 ppm Carbon Monoxide // Nitrogen	1	323516	313099	314890	312700	7	±2 %	±5 %	60
1 % Carbon Monoxide // Air	1	320906	316687	333945	314402	7	±2 %	±5 %	60
5 % Carbon Monoxide // Air	1	326514	333972	333973	316785	7	±2 %	±5 %	60
5 % Carbon Monoxide // Nitrogen	1	318797	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	✗	312883	312639	312937	12	±10 %	±20 %	12
10 ppm Chlorine // Nitrogen	4	✗	313589	312644	312641	12	±10 %	±20 %	12
20 ppm Chlorine // Nitrogen	4	✗	313588	314683	314539	12	±10 %	±20 %	12
50 ppm Chlorine // Nitrogen	4	✗	313754	313590	322722	12	±5 %	±10 %	12
Ethane (C₂H₆)									
100 % Ethane (2.5)*	1	✗	432792	✗	6017420	7	N/A	N/A	60
Ethanol (C₂H₆O)									
130 ppm Ethanol // Nitrogen	1	✗	328505	334051	324975	7	±2 %	±5 %	36
192 ppm Ethanol // Nitrogen	1	✗	312219	334053	323561	7	±2 %	±5 %	36
260 ppm Ethanol // Nitrogen	1	✗	322969	334050	369077	7	±2 %	±5 %	36
Ethylene (C₂H₄)									
1000 ppm Ethylene // Air	1	333974	325235	325624	312681	7	±2 %	±5 %	60
1 % Ethylene // Air	1	315903	314682	315076	313820	7	±2 %	±5 %	60
1 % Ethylene // Nitrogen	1	312757	313539	326928	327317	7	±2 %	±5 %	60
1.35 % Ethylene // Air	1	320936	313701	318834	312018	7	±2 %	±5 %	60
100 % Ethylene (2.5)*	1	426628	432793	✗	6017518	7	N/A	N/A	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	✗	317560	313827	313019	15	±10 %	±20 %	6
10 ppm Ethylene Oxide // Air	1	✗	319367	319319	319515	15	±2 %	±10 %	6
100 ppm Ethylene Oxide // Air	1	✗	316726	314893	314679	15	±2 %	±10 %	6
Helium (He)									
100 % Helium "Premier" (5.0)	1	✗	197145	446789	197141	7	N/A	N/A	60

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Mixture	Cat.	Aerosol	34L	58L	110L	Days	Cert. tol.	Prod. tol.	Stability (months)
Heptane (C₇H₁₆)									
0.2 % Heptane // Air	1	312206	325856	X	376138	7	±2 %	±5 %	60
0.44 % Heptane // Air	1	325236	334146	X	334148	7	±2 %	±5 %	60
0.45 % Heptane // Air	1	312176	316009	X	376139	7	±2 %	±5 %	60
0.55 % Heptane // Air	1	312177	318099	X	338796	7	±2 %	±5 %	60
Hexane (C₆H₁₄)									
1000 ppm Hexane // Air*	1	334143	334144	334145	315405	7	±2 %	±5 %	60
1200 ppm Hexane // Air*	1	316856	312942	X	326072	7	±2 %	±5 %	60
0.5 % Hexane // Air*	1	312149	312729	X	312150	7	±2 %	±5 %	60
Any concentration of Hexane // Air between 0.1 % - 0.5 %	1	✓	✓	✓	✓	7	±2 %	±5 %	60
Hydrogen (H₂)									
100 ppm Hydrogen // Air	1	314503	314054	325697	313430	7	±2 %	±10 %	60
100 ppm Hydrogen // Nitrogen	1	315976	314289	313697	312044	7	±2 %	±10 %	60
200 ppm Hydrogen // Air	1	312108	315065	314329	314406	7	±2 %	±5 %	60
500 ppm Hydrogen // Air	1	324116	319462	314091	314894	7	±2 %	±5 %	60
0.1 % Hydrogen // Air	1	313151	313536	314612	312153	7	±2 %	±5 %	60
0.2 % Hydrogen // Air	1	313422	317532	328197	321889	7	±2 %	±5 %	60
0.4 % Hydrogen // Air	1	316857	312068	325944	318351	7	±2 %	±5 %	60
0.5 % Hydrogen // Air	1	327462	317559	322347	314804	7	±2 %	±5 %	60
0.8 % Hydrogen // Air	1	312145	331661	314133	319789	7	±2 %	±5 %	60
1 % Hydrogen // Air	1	312146	312730	315541	313803	7	±2 %	±5 %	60
1 % Hydrogen // Nitrogen	1	323363	323333	334389	319760	7	±2 %	±5 %	60
1.2 % Hydrogen // Air	1	334390	334391	334392	319765	7	±2 %	±5 %	60
1.6 % Hydrogen // Air	1	312151	312731	313657	317783	7	±2 %	±5 %	60
2 % Hydrogen // Air	1	312097	312071	316519	312025	7	±2 %	±5 %	60
10 % Hydrogen // Nitrogen	1	320101	315900	320102	315901	7	±2 %	±5 %	60
100 % Hydrogen "Premier Plus" (5.0)	1	199543	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	197130	414188	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	355531	15	±10 %	±20 %	24
5 ppm Hydrogen Sulphide // Nitrogen	2	X	319361	327444	317531	15	±10 %	±20 %	24
10 ppm Hydrogen Sulphide // Air	2	X	313949	312152	355532	15	±10 %	±20 %	24
10 ppm Hydrogen Sulphide // Nitrogen	2	X	314285	312147	312144	15	±10 %	±20 %	24
15 ppm Hydrogen Sulphide // Nitrogen	2	X	313429	320574	313895	15	±10 %	±20 %	24
20 ppm Hydrogen Sulphide // Air	2	X	313698	312160	355533	15	±10 %	±20 %	24
20 ppm Hydrogen Sulphide // Nitrogen	2	X	322259	313461	312158	15	±10 %	±20 %	24
25 ppm Hydrogen Sulphide // Air	2	X	312698	312175	355534	15	±5 %	±10 %	24
25 ppm Hydrogen Sulphide // Nitrogen	2	X	312168	312169	312172	15	±5 %	±10 %	24
40 ppm Hydrogen Sulphide // Air	2	X	320743	312181	355535	15	±5 %	±10 %	24
40 ppm Hydrogen Sulphide // Nitrogen	2	X	314395	314330	315680	15	±5 %	±10 %	24
50 ppm Hydrogen Sulphide // Air	2	X	312719	312187	317123	15	±5 %	±10 %	24
50 ppm Hydrogen Sulphide // Nitrogen	2	X	312969	312185	312184	15	±5 %	±10 %	24
100 ppm Hydrogen Sulphide // Air	2	X	313109	312900	355536	15	±2 %	±5 %	24
100 ppm Hydrogen Sulphide // Nitrogen	2	X	315162	318231	312141	15	±2 %	±10 %	24
150 ppm Hydrogen Sulphide // Air	2	X	334420	320687	355537	15	±2 %	±5 %	24
250 ppm Hydrogen Sulphide // Air	2	X	314234	334421	355538	15	±2 %	±5 %	24
250 ppm Hydrogen Sulphide // Nitrogen	2	X	320383	314800	316786	15	±2 %	±5 %	24
500 ppm Hydrogen Sulphide // Nitrogen	2	X	313946	314506	314384	15	±2 %	±5 %	24
1000 ppm Hydrogen Sulphide // Nitrogen	2	X	320382	333336	318027	15	±2 %	±5 %	24
1400 ppm Hydrogen Sulphide // Nitrogen	2	X	334423	314598	317778	15	±2 %	±5 %	24
1 % Hydrogen Sulphide // Nitrogen	2	X	320461	334419	312703	15	±2 %	±5 %	24
Krypton (Kr)									
100% Krypton (4.0)*	POA	X	X	X	497702	7	N/A	N/A	60
Methane (CH₄)									
100 ppm Methane // Air	1	313700	314059	312949	322144	7	±2 %	±10 %	60
1000 ppm Methane // Air	1	320907	315645	326530	314092	7	±2 %	±5 %	60
0.44 % Methane // Air	1	312101	315771	326679	314184	7	±2 %	±5 %	60

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Mixture	Cat.	Aerosol	34L	58L	110L	Days	Cert. tol.	Prod. tol.	Stability (months)
0.5 % Methane // Air	1	317292	321262	327015	312026	7	±2 %	±5 %	60
0.88 % Methane // Air	1	312081	321200	322803	312659	7	±2 %	±5 %	60
1 % Methane // Air	1	317995	312675	315075	312019	7	±2 %	±5 %	60
1 % Methane // Nitrogen	1	331392	320964	334454	312020	7	±2 %	±5 %	60
1.25 % Methane // Air	1	315644	314050	326676	312022	7	±2 %	±5 %	60
1.5 % Methane // Air	1	312104	327094	327093	316691	7	±2 %	±5 %	60
1.8 % Methane // Air	1	312099	314397	312054	313956	7	±2 %	±5 %	60
2 % Methane // Air	1	312882	312062	314048	312029	7	±2 %	±5 %	60
2.2 % Methane // Air	1	312102	312065	313498	312049	7	±2 %	±5 %	60
2.5 % Methane // Air	1	312083	312075	312059	312030	7	±2 %	±5 %	60
2.5 % Methane // Nitrogen	1	321505	314382	321506	312013	7	±2 %	±5 %	60
3 % Methane // Nitrogen	1	334455	333128	329431	312032	7	±2 %	±5 %	60
5 % Methane // Nitrogen	1	325063	321201	324982	317167	7	±2 %	±5 %	60
8 % Methane // Nitrogen	1	312080	329100	334456	321546	7	±2 %	±5 %	60
10 % Methane // Nitrogen	1	315647	315947	325938	312037	7	±2 %	±5 %	60
20 % Methane // Nitrogen	1	333310	317780	334457	312704	7	±2 %	±5 %	60
50 % Methane // Nitrogen	1	312635	312748	319829	312634	7	±2 %	±5 %	60
50 % Methane // Carbon Dioxide*	1	314386	312904	376840	314508	7	±2 %	±5 %	60
60 % Methane // Carbon Dioxide*	1	313127	313116	312202	327613	7	±2 %	±5 %	60
100 % Methane (2.5)	1	197134	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	✗	313107	312970	313948	15	±10 %	±20 %	12
25 ppm Nitric Oxide // Nitrogen	2	✗	312972	312240	312971	15	±5 %	±10 %	12
50 ppm Nitric Oxide // Nitrogen	2	✗	312973	314265	312665	15	±5 %	±10 %	12
100 ppm Nitric Oxide // Nitrogen	2	✗	312963	313531	312956	15	±2 %	±10 %	12
500 ppm Nitric Oxide // Nitrogen	2	✗	317184	316019	322146	15	±2 %	±10 %	12
1000 ppm Nitric Oxide // Nitrogen	2	✗	316789	312962	312961	15	±2 %	±5 %	12
4000 ppm Nitric Oxide // Nitrogen	2	✗	334458	334459	315672	15	±2 %	±5 %	12
Nitrogen (N₂)									
100 % Nitrogen "Technical" (5.0)	1	197133	197146	197135	197140	7	N/A	N/A	60
Nitrogen Dioxide (NO₂)									
5 ppm Nitrogen Dioxide // Air	3	✗	312646	313462	314891	15	±10 %	±20 %	6 [#]
5 ppm Nitrogen Dioxide // Nitrogen	3	✗	312943	332788	316933	15	±10 %	±20 %	6 [#]
10 ppm Nitrogen Dioxide // Air	3	✗	312215	312214	312674	15	±10 %	±20 %	6 [#]
10 ppm Nitrogen Dioxide // Nitrogen	3	✗	319915	313821	315677	15	±10 %	±20 %	6 [#]
20 ppm Nitrogen Dioxide // Air	3	✗	312905	312946	315074	15	±10 %	±20 %	6 [#]
25 ppm Nitrogen Dioxide // Air	3	✗	313118	316531	313101	15	±5 %	±10 %	6 [#]
100 ppm Nitrogen Dioxide // Air	3	✗	313167	314205	316021	15	±5 %	±10 %	6 [#]
100 ppm Nitrogen Dioxide // Nitrogen	3	✗	334460	313532	318947	15	±2 %	±10 %	6 [#]
500 ppm Nitrogen Dioxide // Nitrogen	3	✗	327567	334461	315671	15	±2 %	±5 %	6 [#]
1000 ppm Nitrogen Dioxide // Air	3	✗	316017	333316	333313	15	±2 %	±5 %	6 [#]
Nitrous Oxide (N₂O)									
100 ppm Nitrous Oxide // Nitrogen	1	313121	312213	326391	315540	7	±2 %	±10 %	60
200 ppm Nitrous Oxide // Nitrogen	1	322362	313958	328950	333466	7	±2 %	±5 %	60
1 % Nitrous Oxide // Nitrogen	1	322116	313959	314684	319159	7	±2 %	±5 %	60
Oxygen (O₂)									
100 ppm Oxygen // Nitrogen	1	✗	334462	316494	313175	7	±2 %	±10 %	60
0.4 % Oxygen // Nitrogen	1	312672	324148	326012	312014	7	±2 %	±5 %	60
1 % Oxygen // Nitrogen	1	314610	313506	316497	313892	7	±2 %	±5 %	60
2 % Oxygen // Nitrogen	1	316919	315532	334294	312050	7	±2 %	±5 %	60
4 % Oxygen // Nitrogen	1	316561	318610	314409	312670	7	±2 %	±5 %	60
5 % Oxygen // Nitrogen	1	312109	312069	316493	312038	7	±2 %	±5 %	60
8 % Oxygen // Nitrogen	1	317128	317188	316724	312051	7	±2 %	±5 %	60
10 % Oxygen // Nitrogen	1	315401	319360	314629	313534	7	±2 %	±5 %	60
15 % Oxygen // Nitrogen	1	312087	312720	318226	312727	7	±2 %	±5 %	60
18 % Oxygen // Nitrogen	1	312881	314722	314286	313651	7	±2 %	±5 %	60
18.5 % Oxygen // Nitrogen	1	312106	314718	334569	312042	7	±2 %	±5 %	60
20.9 % Oxygen // Nitrogen	1	312095	312070	312058	312016	7	±2 %	±5 %	60
23.5 % Oxygen // Nitrogen	1	317608	323558	326810	327416	7	±2 %	±5 %	60
<i>Any concentration of Oxygen // Nitrogen between 0.1 % - 21 %</i>	1	✗	✓	✓	✓	7	±2 %	±5 %	60
Pentane (C₅H₁₂)									
0.7 % Pentane // Air	1	312157	313156	✗	312155	7	±2 %	±5 %	60
<i>Any concentration of Pentane in Air between 0.1 % - 0.7 %</i>	1	✓	✓	✓	✓	7	±2 %	±5 %	60

[#] 12 months for '110L'

* Pressure restricted in some canister sizes"

Mixture	Cat.	Aerosol	34L	58L	110L	Days	Cert. tol.	Prod. tol.	Stability (months)	
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		315542	317558	313954	315713	7	±2 %	±5 %	60
0.5 % Propane // Air	1		315899	312066	317181	314681	7	±2 %	±5 %	60
0.68 % Propane // Air	1		312105	312941	312055	322344	7	±2 %	±5 %	60
0.85 % Propane // Air	1		312103	312064	314401	312046	7	±2 %	±5 %	60
0.9 % Propane // Air	1		333465	319465	328113	321886	7	±2 %	±5 %	60
1 % Propane // Air	1		312092	312077	312053	312047	7	±2 %	±5 %	60
1.1 % Propane // Air	1		312088	312072	314885	312048	7	±2 %	±5 %	60
50 % Propane // Nitrogen	1		329434	315536	326644	324629	7	±2 %	±5 %	60
100 % Propane (2.5)*	1		444441	430304	X	6017418	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		332903	315077	317602	315398	7	±2 %	±5 %	60
Refrigerant R12										
1000 ppm Refrigerant R12 // Air	1		352250	352251	352252	347302	7	±2 %	±5 %	60
Refrigerant R123										
1000 ppm Refrigerant R123 // Air	1		339978	334588	339350	339349	7	±2 %	±5 %	60
Refrigerant R1234YF										
1000 ppm Refrigerant R1234YF // Air	1		339982	339421	335745	339420	7	±2 %	±5 %	60
Refrigerant R1234ZE										
1000 ppm Refrigerant R1234ZE // Air	1		352697	352698	352699	350503	7	±2 %	±5 %	60
Refrigerant R125										
1000 ppm Refrigerant R125 // Air	1		352253	335522	352254	344026	7	±2 %	±5 %	60
Refrigerant R134A										
500 ppm Refrigerant R134A // Air	1		312227	314463	320938	313424	7	±2 %	±5 %	60
1000 ppm Refrigerant R134A // Air	1		312122	312124	313495	312123	7	±2 %	±5 %	60
2000 ppm Refrigerant R134A // Air	1		312205	320337	316529	321377	7	±2 %	±5 %	60
Refrigerant R14										
1000 ppm Refrigerant R14 // Air	1		335106	335148	335104	335105	7	±2 %	±5 %	60
Refrigerant R143A										
1000 ppm Refrigerant R143A // Air	1		333534	328703	314848	329371	7	±2 %	±5 %	60
Refrigerant R22										
100 ppm Refrigerant R22 // Air	1		334622	332789	334623	327974	7	±2 %	±10 %	60
1000 ppm Refrigerant R22 // Air	1		314978	314548	321969	315130	7	±2 %	±5 %	60
2000 ppm Refrigerant R22 // Air	1		316854	334624	334626	334625	7	±2 %	±5 %	60
Refrigerant R227EA										
1000 ppm Refrigerant R227EA // Air	1		352255	352256	352257	350478	7	±2 %	±5 %	60
Refrigerant R23										
1000 ppm Refrigerant R23 // Air	1		334695	334693	334696	334676	7	±2 %	±5 %	60
Refrigerant R32										
1000 ppm Refrigerant R32 // Air	1		352258	352259	352260	350623	7	±2 %	±5 %	60
Refrigerant R404A										
500 ppm Refrigerant R404A // Air	1		319274	334694	327991	327768	7	±2 %	±5 %	60
1000 ppm Refrigerant R404A // Air	1		319275	320625	322665	320098	7	±2 %	±5 %	60
2000 ppm Refrigerant R404A // Air	1		333377	334714	334715	325414	7	±2 %	±5 %	60
Refrigerant R407A										
1000 ppm Refrigerant R407A // Air	1		339983	339554	339552	339551	7	±2 %	±5 %	60
Refrigerant R407C										
1000 ppm Refrigerant R407C // Air	1		321489	328225	322664	319479	7	±2 %	±5 %	60
Refrigerant R407F										
1000 ppm Refrigerant R407F // Air	1		352249	352261	352262	350370	7	±2 %	±5 %	60
Refrigerant R410A										
1000 ppm Refrigerant R410A // Air	1		328756	322115	328951	319174	7	±2 %	±5 %	60
3000 ppm Refrigerant R410A // Air	1		329440	334716	334717	333324	7	±2 %	±5 %	60
Refrigerant R422A										
1000 ppm Refrigerant R422A // Air	1		352263	352264	352265	350453	7	±2 %	±5 %	60
Refrigerant R422D										
1000 ppm Refrigerant R422D // Air	1		339984	339681	339659	339658	7	±2 %	±5 %	60
Refrigerant R448A										
1000 ppm Refrigerant R448A // Air	1		352266	352267	352268	350454	7	±2 %	±5 %	60

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Mixture	Cat.	Aerosol	34L	58L	110L	Days	Cert. tol.	Prod. tol.	Stability (months)
Refrigerant R449A									
1000 ppm Refrigerant R449A // Air	1	352269	352270	352271	350569	7	±2 %	±5 %	60
Refrigerant R500									
1000 ppm Refrigerant R500 // Air	1	352784	352785	352786	352831	7	±2 %	±5 %	60
Refrigerant R507									
1000 ppm Refrigerant R507 // Air	1	334718	327168	334719	333333	7	±2 %	±5 %	60
2000 ppm Refrigerant R507 // Air	1	334720	332766	334721	328824	7	±2 %	±5 %	60
Silane (SiH₄)									
5 ppm Silane // Nitrogen	4	X	199393	199394	406788	12	±10 %	±20 %	12
10 ppm Silane // Nitrogen	4	X	403197	409398	414446	12	±10 %	±20 %	12
15 ppm Silane // Nitrogen	4	X	421142	199389	417922	12	±10 %	±20 %	12
Sulphur Dioxide (SO₂)									
10 ppm Sulphur Dioxide // Nitrogen	2	X	312721	312243	312241	15	±10 %	±20 %	24
20 ppm Sulphur Dioxide // Nitrogen	2	X	313174	314058	315275	15	±10 %	±20 %	24
100 ppm Sulphur Dioxide // Nitrogen	2	X	334745	313533	313944	15	±2 %	±10 %	24
2000 ppm Sulphur Dioxide // Nitrogen	2	X	334746	334747	315501	15	±2 %	±5 %	24
Any concentration of Sulphur Dioxide // Air between 5 ppm - 100 ppm	2	X	✓	✓	✓	15			24
Any concentration of Sulphur Dioxide // Nitrogen between 5 ppm - 2000 ppm	2	X	✓	✓	✓	15			24
Sulphur Hexafluoride (SF₆)									
500 ppm Sulphur Hexafluoride // Air	1	334748	318277	334749	326148	7	±2 %	±5 %	60
1000 ppm Sulphur Hexafluoride // Air	1	321076	314185	334863	320099	7	±2 %	±5 %	60
1% Sulphur Hexafluoride // Air	1	322970	334864	334865	333924	7	±2 %	±5 %	60
100% Sulphur Hexafluoride (4.0)*	1	440596	446790	X	6017419	7	N/A	N/A	60
Toluene (C₇H₈)									
100 ppm Toluene // Air*	1	333320	333332	333331	313113	7	±2 %	±10 %	60
200 ppm Toluene // Air*	1	319154	327123	X	314240	7	±2 %	±5 %	60
Vinyl Chloride (VCM) (C₂H₃Cl)									
10 ppm Vinyl Chloride // Nitrogen	3	X	313649	326073	325696	15	±10 %	±20 %	60
2-gas mixes									
1% Propane / 18% Oxygen // Nitrogen	1	334867	333339	334892	319010	7	±2 %	±5 %	60
8% Butane / 13.8% Carbon Dioxide // Nitrogen*	1	312638	312637	X	317521	7	±2 %	±5 %	60
1% Methane / 3% Carbon Dioxide // Nitrogen	1	334944	323882	334893	334894	7	±2 %	±5 %	60
1.5% Methane / 15% Oxygen // Nitrogen	1	334945	313157	334895	312159	7	±2 %	±5 %	60
1.62% Methane / 18% Oxygen // Nitrogen	1	334946	320628	334897	334896	7	±2 %	±5 %	60
0.9% Butane / 18% Oxygen // Nitrogen	1	334947	334948	334949	322614	7	±2 %	±5 %	60
0.7% Pentane / 15% Oxygen // Nitrogen	1	335026	327082	X	333575	7	±2 %	±5 %	60
0.7% Pentane / 18% Oxygen // Nitrogen	1	335027	335031	X	322616	7	±2 %	±5 %	60
25% Nitrogen / 35% Carbon Dioxide // Methane	1	335028	335029	335030	315941	7	±2 %	±5 %	60
2.2% Methane / 18% Oxygen // Nitrogen	1	335107	317603	319583	322615	7	±2 %	±5 %	60
2.5% Methane / 18% Oxygen // Nitrogen	1	335108	317598	317601	321835	7	±2 %	±5 %	60
5% Methane / 10% Carbon Dioxide // Nitrogen	1	335109	335110	313128	333323	7	±2 %	±5 %	60
0.5% Oxygen / 30% Carbon Dioxide // Nitrogen	1	312671	333311	333312	332611	7	±2 %	±5 %	60
3-gas mixes									
2% Carbon Dioxide / 2.5% Methane / 15% Oxygen // Nitrogen	2	319138	321547	312182	312183	7	±2 %	±5 %	60
50 ppm Carbon Monoxide / 4% Methane / 5% Carbon Dioxide // Nitrogen	2	335111	335112	335113	312189	7	±2 %	±5 %	60
5% Carbon Dioxide / 5% Methane / 6% Oxygen // Nitrogen	2	313023	333335	312945	312740	7	±2 %	±5 %	60
50 ppm Carbon Monoxide / 2.2% Methane / 18% Oxygen // Nitrogen	2	335203	335320	335321	320051	7	±2 %	±5 %	60
50 ppm Carbon Monoxide / 2.5% Methane / 12% Oxygen // Nitrogen	2	335204	317405	316069	314802	7	±2 %	±5 %	60
50 ppm Carbon Monoxide / 2.5% Methane / 18% Oxygen // Nitrogen	2	335205	335322	335323	314095	7	±2 %	±5 %	60
100 ppm Carbon Monoxide / 2.2% Methane / 15% Oxygen // Nitrogen	2	335206	312207	318227	318677	7	±2 %	±5 %	60
100 ppm Carbon Monoxide / 2.5% Methane / 19% Oxygen // Nitrogen	2	317595	312078	320908	312741	7	±2 %	±5 %	60
100 ppm Carbon Monoxide / 2.5% Methane / 18% Oxygen // Nitrogen	2	335207	317605	317604	330312	7	±2 %	±5 %	60
100 ppm Carbon Monoxide / 2.2% Methane / 18% Oxygen // Nitrogen	2	335208	317607	317606	324949	7	±2 %	±5 %	60
25 ppm Hydrogen Sulphide / 2.5% Methane / 18.5% Oxygen // Nitrogen	3	X	312682	313502	355539	15	Dif.	Dif.	24
50 ppm Hydrogen Sulphide / 2.5% Methane / 17% Oxygen // Nitrogen	3	X	313648	335324	355540	15	Dif.	Dif.	24
15 ppm Hydrogen Sulphide / 0.75% Methane / 18% Oxygen // Nitrogen	3	X	335325	318676	355541	15	Dif.	Dif.	24
4-gas mixes									
60 ppm Carbon Monoxide / 1.5% Carbon Dioxide / 2.5% Methane / 18% Oxygen // Nitrogen	2	335434	335435	335436	315544	7	±2 %	±5 %	60
100 ppm Carbon Monoxide / 2% Carbon Dioxide / 2.2% Methane / 15% Oxygen // Nitrogen	2	335437	312178	312180	312179	7	±2 %	±5 %	60
100 ppm Carbon Monoxide / 2% Carbon Dioxide / 0.75% Propane / 15% Oxygen // Nitrogen	2	335438	335439	319788	317616	7	±2 %	±5 %	60
100 ppm Hydrogen / 100 ppm Methane / 5% Carbon Dioxide / 16% Oxygen // Nitrogen	2	312235	335440	333337	329270	7	±2 %	±5 %	60
4-gas (Quad) mixes									
10 ppm H ₂ S / 50 ppm CO / 2.2% CH ₄ / 18% O ₂ // N ₂	3	X	332283	312706	355543	15	Dif.	Dif.	24
10 ppm H ₂ S / 50 ppm CO / 2.5% CH ₄ / 18% O ₂ // N ₂	3	X	315593	312650	355544	15	Dif.	Dif.	24
10 ppm H ₂ S / 50 ppm CO / 2.5% CH ₄ / 20.9% O ₂ // N ₂	3	X	332286	312200	355545	15	Dif.	Dif.	24
15 ppm H ₂ S / 50 ppm CO / 2.5% CH ₄ / 18% O ₂ // N ₂	3	X	334923	313129	355546	15	Dif.	Dif.	24

* Pressure restricted in some canister sizes

Mixture	Cat.	Aerosol	34L	58L	110L	Days	Cert. tol.	Prod. tol.	Stability (months)
15 ppm H ₂ S / 100 ppm CO / 2.2 % CH ₄ / 18 % O ₂ // N ₂	3	X	329195	329194	356109	15	Dif.	Dif.	24
15 ppm H ₂ S / 100 ppm CO / 2.5 % CH ₄ / 18 % O ₂ // N ₂	3	X	314000	312121	355547	15	Dif.	Dif.	24
15 ppm H ₂ S / 100 ppm CO / 2 % CO ₂ / 15 % O ₂ // N ₂	3	X	312216	314009	355548	15	Dif.	Dif.	24
15 ppm H ₂ S / 250 ppm CO / 2.5 % CH ₄ / 18 % O ₂ // N ₂	3	X	318503	312952	355572	15	Dif.	Dif.	24
15 ppm H ₂ S / 2 % CO ₂ / 2.5 % CH ₄ / 15 % O ₂ // N ₂	3	X	313428	313177	355573	15	Dif.	Dif.	24
20 ppm H ₂ S / 60 ppm CO / 1.45 % CH ₄ / 15 % O ₂ // N ₂	3	X	316016	312242	355490	15	Dif.	Dif.	24
25 ppm H ₂ S / 50 ppm CO / 1.62 % CH ₄ / 18 % O ₂ // N ₂	3	X	320048	320176	355491	15	Dif.	Dif.	24
25 ppm H ₂ S / 50 ppm CO / 2.2 % CH ₄ / 12 % O ₂ // N ₂	3	X	328729	329582	355574	15	Dif.	Dif.	24
25 ppm H ₂ S / 50 ppm CO / 2.2 % CH ₄ / 18 % O ₂ // N ₂	3	X	335513	312199	355575	15	Dif.	Dif.	24
25 ppm H ₂ S / 50 ppm CO / 2.5 % CH ₄ / 18 % O ₂ // N ₂	3	X	314538	312138	355576	15	Dif.	Dif.	24
25 ppm H ₂ S / 50 ppm CO / 2.5 % CH ₄ / 19 % O ₂ // N ₂	3	X	329994	333297	355492	15	Dif.	Dif.	24
25 ppm H ₂ S / 50 ppm CO / 2.5 % CH ₄ / 20.9 % O ₂ // N ₂	3	X	332330	317408	355577	15	Dif.	Dif.	24
25 ppm H ₂ S / 50 ppm CO / 2.5 % CH ₄ / 12.0 % O ₂ // N ₂	3	X	312137	312663	355578	15	Dif.	Dif.	24
25 ppm H ₂ S / 50 ppm CO / 0.9 % Iso-Butane / 12 % O ₂ // N ₂	3	X	313160	312651	355579	15	Dif.	Dif.	24
25 ppm H ₂ S / 65 ppm CO / 1.5 % CH ₄ / 18.5 % O ₂ // N ₂	3	X	335514	315531	355580	15	Dif.	Dif.	24
25 ppm H ₂ S / 100 ppm CO / 1.25 % CH ₄ / 18 % O ₂ // N ₂	3	X	317672	319480	355493	15	Dif.	Dif.	24
25 ppm H ₂ S / 100 ppm CO / 2.2 % CH ₄ / 18 % O ₂ // N ₂	3	X	312118	312117	355581	15	Dif.	Dif.	24
25 ppm H ₂ S / 100 ppm CO / 2.2 % CH ₄ / 20.9 % O ₂ // N ₂	3	X	319435	316092	355582	15	Dif.	Dif.	24
25 ppm H ₂ S / 100 ppm CO / 2.5 % CH ₄ / 18 % O ₂ // N ₂	3	X	312198	312201	355583	15	Dif.	Dif.	24
25 ppm H ₂ S / 100 ppm CO / 2.5 % CH ₄ / 18.5 % O ₂ // N ₂	3	X	313159	312191	355584	15	Dif.	Dif.	24
25 ppm H ₂ S / 100 ppm CO / 2.5 % CH ₄ / 19 % O ₂ // N ₂	3	X	312940	315870	355494	15	Dif.	Dif.	24
25 ppm H ₂ S / 100 ppm CO / 2.5 % CH ₄ / 20.9 % O ₂ // N ₂	3	X	312705	312244	355585	15	Dif.	Dif.	24
25 ppm H ₂ S / 100 ppm CO / 0.85 % Propane / 18 % O ₂ // N ₂	3	X	319878	319877	355586	15	Dif.	Dif.	24
25 ppm H ₂ S / 100 ppm CO / 0.35 % Pentane / 18 % O ₂ // N ₂ *	3	X	326282	X	355587	15	Dif.	Dif.	24
25 ppm H ₂ S / 100 ppm CO / 0.7 % Pentane / 18 % O ₂ // N ₂ *	3	X	320464	X	355473	15	Dif.	Dif.	24
25 ppm H ₂ S / 100 ppm CO / 1.1 % Propane / 18 % O ₂ // N ₂	3	X	319433	312210	355474	15	Dif.	Dif.	24
25 ppm H ₂ S / 100 ppm CO / 1.1 % Propane / 19 % O ₂ // N ₂	3	X	333318	312208	355475	15	Dif.	Dif.	24
25 ppm H ₂ S / 200 ppm CO / 2.5 % CH ₄ / 17 % O ₂ // N ₂	3	X	335515	321818	355477	15	Dif.	Dif.	24
25 ppm H ₂ S / 200 ppm CO / 0.7 % Pentane / 18 % O ₂ // N ₂ *	3	X	335521	X	355478	15	Dif.	Dif.	24
40 ppm H ₂ S / 100 ppm CO / 2.2 % CH ₄ / 15 % O ₂ // N ₂	3	X	312119	314889	355720	15	Dif.	Dif.	24
40 ppm H ₂ S / 100 ppm CO / 2.5 % CH ₄ / 15 % O ₂ // N ₂	3	X	312131	314467	355479	15	Dif.	Dif.	24
40 ppm H ₂ S / 2 % CO ₂ / 2.5 % CH ₄ / 15 % O ₂ // N ₂	3	X	312133	312134	338312	15	Dif.	Dif.	24
50 ppm H ₂ S / 200 ppm CO / 2.2 % CH ₄ / 17 % O ₂ // N ₂	3	X	312686	312673	355480	15	Dif.	Dif.	24
50 ppm H ₂ S / 200 ppm CO / 2.5 % CH ₄ / 17 % O ₂ // N ₂	3	X	320465	314115	355481	15	Dif.	Dif.	24
50 ppm H ₂ S / 500 ppm CO / 2.5 % CH ₄ / 18 % O ₂ // N ₂	3	X	327042	312939	355482	15	Dif.	Dif.	24
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	355483	15	Dif.	Dif.	24
15 ppm H ₂ S / 100 ppm CO / 1 % CO ₂ / 2.5 % CH ₄ / 18 % O ₂ // N ₂	4	X	312880	317524	355484	15	Dif.	Dif.	24
15 ppm H ₂ S / 100 ppm CO / 2 % CO ₂ / 2.5 % CH ₄ / 15 % O ₂ // N ₂	4	X	315250	312652	355485	15	Dif.	Dif.	24
15 ppm H ₂ S / 100 ppm CO / 2 % CO ₂ / 0.75 % Butane / 15 % O ₂ // N ₂	4	X	335518	335519	355486	15	Dif.	Dif.	24
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	355721	15	Dif.	Dif.	24
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	355487	15	Dif.	Dif.	24
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	355488	15	Dif.	Dif.	24
40 ppm H ₂ S / 100 ppm CO / 2 % CO ₂ / 2.2 % CH ₄ / 15 % O ₂ // N ₂	4	X	319876	334631	355489	15	Dif.	Dif.	24
Complex Mixtures									
10 ppm Benzene									
10 ppm Ethyl-Benzene									
10 ppm Toluene									
10 ppm M-Xylene	2	314039	335914	333328	333379	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	312640	335916	335944	335945	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	315649	335915	335943	331739	7	±2%	±10%	60
100 ppm Pentane									
100 ppm Hexane									
Balance Nitrogen									

* Pressure restricted in some canister sizes

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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