



Two Component Mixtures

Product Description	Base Code	MicroMAT™/MiniMAT™ Cylinders							
		10	14	17	58	105	116	221	6R
Acetylene									
1 % Acetylene in Helium	GMT10303		TC		TH				
1 % Acetylene in Nitrogen	GMT10304		TC		TH				
Ammonia									
25 ppm Ammonia in Nitrogen	GMT10519				TH		TM		6R
50 ppm Ammonia in Nitrogen	GMT10220				TH		TM		6R
200 ppm Ammonia in Nitrogen	GMT10520				TH		TM		6R
Benzene									
1 ppm Benzene in Air	GMT10307	TK	TC		TH	TG			6R
10 ppm Benzene in Air	GMT10306	TK	TC		TH	TG			6R
100 ppm Benzene in Air	GMT10305	TK	TC		TH	TG			6R
1,3-Butadiene									
10 ppm 1,3-Butadiene in Nitrogen	GMT10241				TH				6R
Carbon Dioxide									
100 ppm Carbon Dioxide in Air	GMT10521	TK	TC	TB	TH	TG		TD	6R
1000 ppm Carbon Dioxide in Air	GMT10025	TK	TC	TB	TH	TG		TD	6R
5 % Carbon Dioxide in Air	GMT10522	TK	TC	TB	TH	TG		TD	6R
100 ppm Carbon Dioxide in Helium	GMT10431	TK	TC		TH	TG		6R	
1000 ppm Carbon Dioxide in Helium	GMT10331	TK	TC		TH	TG		6R	
1 % Carbon Dioxide in Helium	GMT10308	TK	TC		TH	TG		6R	
10 % Carbon Dioxide in Helium	GMT10319	TK	TC		TH	TG		6R	
100 ppm Carbon Dioxide in Nitrogen	GMT10314	TK	TC		TH	TG		6R	
1000 ppm Carbon Dioxide in Nitrogen	GMT10313	TK	TC	TB	TH	TG		TD	6R

Ordering Information

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Note: See Cylinder Specifications Chart on page 152 for description of cylinders.

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Complete Gas Listing

Two Component Mixtures (continued)

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		10	14	17	58	105	116	221	6R
Carbon Dioxide (continued)									
1 % Carbon Dioxide in Nitrogen	GMT10309	TK	TC		TH	TG		6R	
2.5 % Carbon Dioxide in Nitrogen	GMT10523	TK	TC	TB	TH	TG		TD	6R
5 % Carbon Dioxide in Nitrogen	GMT10524	TK	TC	TB	TH	TG		TD	6R
10 % Carbon Dioxide in Nitrogen	GMT10525	TK	TC	TB	TH	TG		TD	6R
Carbon Monoxide									
20 ppm Carbon Monoxide in Air	GMT10526	TK		TB	TH	TG		TD	6R
25 ppm Carbon Monoxide in Air	GMT10527	TK		TB	TH	TG		TD	6R
40 ppm Carbon Monoxide in Air	GMT10528	TK		TB	TH	TG		TD	6R
50 ppm Carbon Monoxide in Air	GMT10028	TK		TB	TH	TG		TD	6R
60 ppm Carbon Monoxide in Air	GMT10529	TK		TB	TH	TG		TD	6R
100 ppm Carbon Monoxide in Air	GMT10029	TK		TB	TH	TG		TD	6R
200 ppm Carbon Monoxide in Air	GMT10030	TK		TB	TH	TG		TD	6R
300 ppm Carbon Monoxide in Air	GMT10530	TK		TB	TH	TG		TD	6R
50 ppm Carbon Monoxide in Nitrogen	GMT10531	TK		TB	TH	TG		TD	6R
1000 ppm Carbon Monoxide in Nitrogen	GMT10532	TK		TB	TH	TG		TD	6R
Chlorine									
3 ppm Chlorine in Nitrogen	GMT10533				TH				
5 ppm Chlorine in Nitrogen	GMT10201				TH				
10 ppm Chlorine in Nitrogen	GMT10202				TH				
50 ppm Chlorine in Nitrogen	GMT10534				TH				
Ethane									
1.5 % Ethane in Air	GMT10032	TK	TC	TB	TH	TG		TD	6R
100 ppm Ethane in Helium	GMT10423	TK	TC	TB	TH	TG		TD	6R
1000 ppm Ethane in Helium	GMT10422	TK	TC	TB	TH	TG		TD	6R
1 % Ethane in Helium	GMT10421	TK	TC	TB	TH	TG		TD	6R
Ethylene									
8-10 ppm Ethylene in Air	GMT10354	TK	TC	TB	TH	TG		TD	6R
100 ppm Ethylene in Helium	GMT10325	TK	TC	TB	TH	TG		TD	6R
1000 ppm Ethylene in Helium	GMT10333	TK	TC	TB	TH	TG		TD	6R
8-10 ppm Ethylene in Nitrogen	GMT10322	TK	TC	TB	TH	TG		TD	6R
1000 ppm Ethylene in Nitrogen	GMT10334	TK	TC	TB	TH	TG		TD	6R
1 % Ethylene in Nitrogen	GMT10311	TK	TC	TB	TH	TG		TD	6R
Ethylene Oxide									
10 ppm Ethylene Oxide in Nitrogen	GMT10535				TH		TM		6R
Halocarbon 12									
1000 ppm Halocarbon 12 in Nitrogen	GMT10536	TK	TC	TB	TH	TG		TD	6R
Hexane									
300 ppm Hexane in Helium	GMT10537	TK		TB	TH	TG		TD	6R
15 % LEL (1800 ppm) Hexane in Air	GMT10538	TK		TB	TH	TG		TD	6R
40 % LEL (4800 ppm) Hexane in Air	GMT10539	TK		TB	TH	TG		TD	6R
Hydrogen									
200 ppm Hydrogen in Air	GMT10540	TK		TB	TH	TG		TD	6R
800 ppm Hydrogen in Air	GMT10541	TK		TB	TH	TG		TD	6R
50 % LEL (2.0%) Hydrogen in Air	GMT10033	TK		TB	TH	TG		TD	6R
100 ppm Hydrogen in Helium	GMT10330		TC	TB	TH	TG		TD	6R
100 ppm Hydrogen in Nitrogen	GMT10332	TK	TC	TB	TH	TG		TD	6R
1000 ppm Hydrogen in Nitrogen	GMT10335	TK	TC	TB	TH	TG		TD	6R
1 % Hydrogen in Nitrogen	GMT10328	TK	TC	TB	TH	TG		TD	6R

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Note: See Cylinder Specifications Chart on page 152 for description of cylinders.

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Two Component Mixtures (continued)

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		10	14	17	58	105	116	221	6R
Hydrogen Chloride									
5 ppm Hydrogen Chloride in Nitrogen	GMT10542				TH				
10 ppm Hydrogen Chloride in Nitrogen	GMT10543				TH				
50 ppm Hydrogen Chloride in Nitrogen	GMT10544				TH				
Hydrogen Cyanide									
5 ppm Hydrogen Cyanide in Nitrogen	GMT10545				TH				
10 ppm Hydrogen Cyanide in Nitrogen	GMT10546				TH				
Hydrogen Sulfide									
25 ppm Hydrogen Sulfide in Air	GMT10222				TH		TM		6R
40 ppm Hydrogen Sulfide in Air	GMT10547				TH		TM		6R
50 ppm Hydrogen Sulfide in Air	GMT10223				TH		TM		6R
100 ppm Hydrogen Sulfide in Air	GMT10548				TH		TM		6R
10 ppm Hydrogen Sulfide in Nitrogen	GMT10207				TH		TM		6R
25 ppm Hydrogen Sulfide in Nitrogen	GMT10209				TH		TM		6R
40 ppm Hydrogen Sulfide in Nitrogen	GMT10583				TH		TM		6R
100 ppm Hydrogen Sulfide in Nitrogen	GMT10211				TH		TM		6R
Isobutane									
100 ppm Isobutane in Air	GMT10045	TK	TC		TH	TG			6R
Isobutylene									
50 ppm Isobutylene in Air	GMT10549	TK	TC	TB	TH	TG		TD	6R
100 ppm Isobutylene in Air	GMT10047	TK	TC	TB	TH	TG		TD	6R
Methane									
10 ppm Methane in Air	GMT10034	TK	TC	TB	TH	TG		TD	6R
100 ppm Methane in Air	GMT10035	TK	TC	TB	TH	TG		TD	6R
20 % LEL (1.0%) Methane in Air	GMT10038	TK	TC	TB	TH	TG		TD	6R
30 % LEL (1.5%) Methane in Air	GMT10550	TK	TC	TB	TH	TG		TD	6R
50 % LEL (2.5%) Methane in Air	GMT10039	TK	TC	TB	TH	TG		TD	6R
100 ppm Methane in Helium	GMT10337	TK	TC		TH				
1000 ppm Methane in Helium	GMT10336	TK	TC		TH				
1 % Methane in Helium	GMT10312	TK	TC		TH				
10 % Methane in Helium	GMT10320	TK	TC						
100 ppm Methane in Nitrogen	GMT10341	TK	TC		TH				
1000 ppm Methane in Nitrogen	GMT10339	TK	TC		TH				
1 % Methane in Nitrogen	GMT10338	TK	TC	TB	TH	TG		TD	6R
5 % Methane in Nitrogen	GMT10551	TK	TC	TB	TH	TG		TD	6R
10 % Methane in Nitrogen	GMT10321	TK	TC						
Nitrogen									
100 ppm Nitrogen in Helium	GMT10343	TK	TC		TH				
1000 ppm Nitrogen in Helium	GMT10340	TK	TC		TH				
1 % Nitrogen in Helium	GMT10315	TK	TC		TH				
Nitric Oxide									
10 ppm Nitric Oxide in Nitrogen	GMT10212				TH		TM		6R
25 ppm Nitric Oxide in Nitrogen	GMT10214				TH		TM		6R
50 ppm Nitric Oxide in Nitrogen	GMT10215				TH		TM		6R

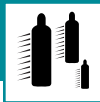
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Matheson Portables™

Complete Gas Listing

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Two Component Mixtures (continued)

Product Description	Base Code	MicroMAT™/MiniMAT™ Cylinders							
		10	14	17	58	105	116	221	6R
Nitrogen Dioxide									
5 ppm Nitrogen Dioxide in Air	GMT10552				TH				6R
10 ppm Nitrogen Dioxide in Air	GMT10554				TH		TM		6R
20 ppm Nitrogen Dioxide in Air	GMT10556				TH		TM		6R
5 ppm Nitrogen Dioxide in Nitrogen	GMT10553				TH		TM		6R
10 ppm Nitrogen Dioxide in Nitrogen	GMT10555				TH		TM		6R
20 ppm Nitrogen Dioxide in Nitrogen	GMT10557				TH		TM		6R
Nitrous Oxide									
100 ppm Nitrous Oxide in Helium	GMT10345	TK	TC		TH				
1 % Nitrous Oxide in Helium	GMT10316	TK	TC		TH				
10 % Nitrous Oxide in Helium	GMT10323	TK	TC		TH				
0.1 ppm Nitrous Oxide in Nitrogen	GMT10302		TC		TH				
1 ppm Nitrous Oxide in Nitrogen	GMT10349	TK	TC		TH				
100 ppm Nitrous Oxide in Nitrogen	GMT10346	TK	TC		TH				
1000 ppm Nitrous Oxide in Nitrogen	GMT10342	TK	TC		TH				
Oxygen									
100 ppm Oxygen in Helium	GMT10353	TK	TC	TB	TH	TG		TD	6R
1 % Oxygen in Helium	GMT10317	TK	TC	TB	TH	TG		TD	6R
10 % Oxygen in Helium	GMT10324	TK	TC	TB	TH	TG		TD	6R
100 ppm Oxygen in Nitrogen	GMT10347	TK	TC	TB	TH	TG		TD	6R
1 % Oxygen in Nitrogen	GMT10318	TK	TC	TB	TH	TG		TD	6R
2 % Oxygen in Nitrogen	GMT10356	TK	TC	TB	TH	TG		TD	6R
6 % Oxygen in Nitrogen	GMT10357	TK	TC	TB	TH	TG		TD	6R
10 % Oxygen in Nitrogen	GMT10326	TK	TC	TB	TH	TG		TD	6R
19 % Oxygen in Nitrogen	GMT10042	TK	TC	TB	TH	TG		TD	6R
20.9 % Oxygen in Nitrogen	GMT10584	TK	TC	TB	TH	TG		TD	6R
Pentane									
25 % LEL (0.35%) Pentane in Air	GMT10558	TK	TC	TB	TH	TG		TD	6R
50 % LEL (0.70%) Pentane in Air	GMT10559	TK	TC	TB	TH	TG		TD	6R
Propane									
10 ppm Propane in Air	GMT10560	TK	TC	TB	TH	TG		TD	6R
30 % LEL (0.63%) Propane in Air	GMT10561	TK	TC	TB	TH	TG		TD	6R
50 % LEL (1.05%) Propane in Air	GMT10562	TK	TC	TB	TH	TG		TD	6R
Sulfur Dioxide									
25 ppm Sulfur Dioxide in Air	GMT10228				TH		TM		6R
50 ppm Sulfur Dioxide in Air	GMT10229				TH		TM		6R
10 ppm Sulfur Dioxide in Nitrogen	GMT10563				TH		TM		6R
25 ppm Sulfur Dioxide in Nitrogen	GMT10564				TH		TM		6R
50 ppm Sulfur Dioxide in Nitrogen	GMT10565				TH		TM		6R
100 ppm Sulfur Dioxide in Nitrogen	GMT10566				TH		TM		6R
1,1,1-Trichloroethane									
10 ppm 1,1,1-Trichloroethane in Nitrogen	GMT10301		TC		TH				6R
Trichloroethylene									
10 ppm Trichloroethylene in Nitrogen	GMT10359		TC		TH				6R

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		10	14	17	58	105	116	221	6R
Vinyl Chloride									
1 ppm Vinyl Chloride in Nitrogen	GMT10363				TH				6R
10 ppm Vinyl Chloride in Nitrogen	GMT10362				TH				6R
50 ppm Vinyl Chloride in Nitrogen	GMT10364		TC		TH				6R
100 ppm Vinyl Chloride in Nitrogen	GMT10360		TC		TH				6R
1000 ppm Vinyl Chloride in Nitrogen	GMT10361		TC		TH				6R

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