



## Multicomponent Mixtures

Product Description	Base Code	MicroMAT™/MiniMAT™ Cylinders							
		10	14	17	58	105	116	221	6R
<b>BTEX Mixtures in Nitrogen</b>									
Benzene, Ethyl Benzene, Toluene, Xylene									
1 ppm BTEX Mixture	GMT10231				TH				6R
10 ppm BTEX Mixture	GMT10417				TH				6R
100 ppb BTEX Mixture	GMT10232				TH				6R
<b>C<sub>2</sub> to C<sub>4</sub> Alkyne in Nitrogen</b>									
Acetylene, 1-Butyne, 2-Butyne, Propyne each at 15 ppm									
	GMT10412		TC		TH				6R
<b>Carbon Monoxide, Methane in Air</b>									
50 ppm Carbon Monoxide									
50 % LEL (2.5%) Methane	GMT10567	TK		TB	TH	TG		TD	6R
250 ppm Carbon Monoxide									
50 % LEL (2.5%) Methane	GMT10568	TK		TB	TH	TG		TD	6R
<b>Carbon Monoxide, Pentane in Air</b>									
50 ppm Carbon Monoxide									
30 % LEL (0.42%) Pentane	GMT10569	TK		TB	TH	TG		TD	6R
<b>Carbon Monoxide, Propane in Air</b>									
50 ppm Carbon Monoxide									
50 % LEL (1%) Propane	GMT10570	TK		TB	TH	TG		TD	6R
<b>Methane, Oxygen in Air</b>									
50 ppm Methane									
17 % Oxygen	GMT10581	TK	TC	TB	TH	TG		TD	6R
<b>Pentane, Oxygen in Nitrogen</b>									
25 % LEL (0.35%) Pentane									
19 % Oxygen	GMT10582	TK	TC	TB	TH	TG		TD	6R
<b>Carbon Dioxide, Oxygen in Nitrogen</b>									
1 % Carbon Dioxide									
1 % Oxygen	GMT10429	TK	TC	TB	TH	TG		TD	6R
1 % Carbon Dioxide									
2 % Oxygen	GMT10420	TK	TC	TB	TH	TG		TD	6R
2 % Carbon Dioxide									
24 % Oxygen	GMT10350	TK	TC	TB	TH	TG		TD	6R
3 % Carbon Dioxide									
17 % Oxygen	GMT10352	TK	TC	TB	TH	TG		TD	6R

### Ordering Information

When ordering, use base code plus cylinder designation suffix for the appropriate cylinder type.  
Ex: GMT10002TH is for Air Ultra Zero Certified in a MicroMAT™-58 Cylinder

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

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# Matheson Portables™

## Complete Gas Listing

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### Multicomponent Mixtures (continued)

Product Description	Base Code	MicroMAT™/MiniMAT™ Cylinders							
		10	14	17	58	105	116	221	6R
<b>Carbon Monoxide, Methane, Oxygen in Nitrogen</b> 100 ppm Carbon Monoxide 50 % LEL (2.5%) Methane 19 % Oxygen	GMT10571	TK		TB	TH	TG		TD	6R
<b>Carbon Monoxide, Pentane, Oxygen in Nitrogen</b> 50 ppm Carbon Monoxide 25 % LEL (0.35%) Pentane 20.9 % Oxygen	GMT10572	TK		TB	TH	TG		TD	6R
100 ppm Carbon Monoxide 25 % LEL (.35%) Pentane 19 % Oxygen	GMT10573	TK		TB	TH	TG		TD	6R
<b>Carbon Monoxide, Methane, Hydrogen Sulfide in Air</b> 50 ppm Carbon Monoxide 50 % LEL (2.5%) Methane 25 ppm Hydrogen Sulfide	GMT10574				TH		TM		6R
<b>Carbon Monoxide, Pentane, Hydrogen Sulfide in Air</b> 50 ppm Carbon Monoxide 30 % LEL (0.42%) Pentane 25 ppm Hydrogen Sulfide	GMT10575				TH		TM		6R
<b>Carbon Monoxide, Methane, Hydrogen Sulfide, Oxygen in Nitrogen</b> 50 ppm Carbon Monoxide 25 % LEL (1.25%) Methane 25 ppm Hydrogen Sulfide 18 % Oxygen	GMT10576				TH		TM		6R
100 ppm Carbon Monoxide 50 % LEL (2.5%) Methane 25 ppm Hydrogen Sulfide 20.8 % Oxygen	GMT10577				TH		TM		6R
250 ppm Carbon Monoxide 50 % LEL (2.5%) Methane 40 ppm Hydrogen Sulfide 21 % Oxygen	GMT10578				TH		TM		6R
300 ppm Carbon Monoxide 25 % LEL (1.25%) Methane 10 ppm Hydrogen Sulfide 15 % Oxygen	GMT10579				TH		TM		6R
<b>Carbon Monoxide, Pentane, Hydrogen Sulfide, Oxygen in Nitrogen</b> 100 ppm Carbon Monoxide 25 % LEL (0.35%) Pentane 25 ppm Hydrogen Sulfide 19 % Oxygen	GMT10580				TH		TM		6R

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Multicomponent Mixtures (continued)

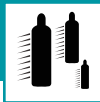
Product Description	Base Code	MicroMAT™/MiniMAT™ Cylinders							
		10	14	17	58	105	116	221	6R
Methane, Ethane, Ethylene, Acetylene, Propane, Propylene, Propyne, n-Butane in Nitrogen each at 15 ppm	GMT10415		TC		TH				6R
n-Butane, Isobutane, cis-2-Butene, trans-2-Butene, 1-Butene, Isobutylene, 1,3-Butadiene, Ethyl Acetylene, in Nitrogen each at 15 ppm	GMT10416		TC		TH				6R
2-Olefin Mixtures in Nitrogen cis-2-Butene, trans-2-Butene, cis-2-Pentene trans-2-Pentene, cis-2-Hexene, trans-2-Hexene each at 15 ppm	GMT10351		TC		TH				6R
C <sub>2</sub> to C <sub>6</sub> Olefin Mixtures in Helium Ethylene, Propylene, 1-Butene, 1-Pentene, 1-Hexene, each at 100 ppm	GMT10414		TC		TH				6R
Ethylene, Propylene, 1-Butene, 1-Pentene, 1-Hexene, each at 1000 ppm	GMT10358		TC		TH				6R
C <sub>2</sub> to C <sub>6</sub> Olefin Mixtures in Nitrogen Ethylene, Propylene, 1-Butene, 1-Pentene, 1-Hexene, each at 100 ppm	GMT10413		TC		TH				6R
Ethylene, Propylene, 1-Butene, 1-Pentene, 1-Hexene, each at 1000 ppm	GMT10450		TC		TH				6R
C <sub>1</sub> to C <sub>6</sub> n-Paraffins Mixtures in Helium Methane, Ethane, Propane, Butane, Pentane, Hexane each at 100 ppm	GMT10409		TC		TH				6R
Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm	GMT10411		TC		TH				6R
C <sub>1</sub> to C <sub>6</sub> n-Paraffins Mixtures in Nitrogen Methane, Ethane, Propane, Butane, Pentane, Hexane each at 15 ppm	GMT10408	TK	TC	TB	TH	TG		TD	6R
Methane, Ethane, Propane, Butane, Pentane, Hexane each at 100 ppm	GMT10410	TK	TC	TB	TH	TG		TD	6R
Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm	GMT10355	TK	TC	TB	TH	TG		TD	6R
Branched Paraffins Mixtures in Nitrogen Isobutane, 2-Methylbutane, 2,2-Dimethylpropane, 2-Methylpentane 3-Methylpentane, 2,2-Dimethylbutane each at 15 ppm	GMT10407		TC		TH				6R
Carbon Monoxide, Carbon Dioxide in Nitrogen 25 ppm Carbon Monoxide 1000 ppm Carbon Dioxide	GMT10053		TC		TH				6R

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Carbon Monoxide, Carbon Dioxide, Methane, Ethane, Ethylene, Acetylene in Nitrogen, each at 1 %	GMT10402	TK	TC	TB	TH	TG		TD	6R
Carbon Monoxide, Carbon Dioxide, Methane, Hydrogen, Oxygen in Nitrogen, each at 1 %	GMT10403	TK	TC	TB	TH	TG		TD	6R
Carbon Dioxide, Carbon Monoxide, Nitrogen, Oxygen, Methane, Hydrogen in Helium 5 % Carbon Dioxide 5 % Carbon Monoxide 5 % Nitrogen 4 % Oxygen 4 % Methane 4 % Hydrogen	GMT10404		TC	TB					
Carbon Dioxide, Carbon Monoxide, Oxygen in Nitrogen 15 % Carbon Dioxide 7 % Carbon Monoxide 5 % Oxygen	GMT10348	TK	TC	TB	TH	TG		TD	6R
Carbon Dioxide, Carbon Monoxide, Oxygen, Methane in Nitrogen 15 % Carbon Dioxide 7 % Carbon Monoxide 4 % Oxygen 4.5 % Methane	GMT10406	TK	TC	TB	TH	TG		TD	6R
Carbon Dioxide, Carbon Monoxide, Oxygen, Hydrogen in Nitrogen, each at 0.5%	GMT10401	TK	TC	TB	TH	TG		TD	6R
Carbon Dioxide, Carbon Monoxide, Oxygen, Hydrogen in Nitrogen 0.5 % Carbon Dioxide 0.5 % Carbon Monoxide 0.5 % Oxygen 5 % Hydrogen	GMT10428	TK	TC	TB	TH	TG		TD	6R

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