

Standard product list of Non-refillable Calibration Gas canisters



All mixtures shown in the table below are available with no minimum order quantity and most gases can be supplied in 12, 34, 58 and 110 Litre canisters however some reactive mixtures cannot be supplied in 12 Litre canisters.

Mixture
Acetylene (C₂H₂)
0.5 % Acetylene // Air
<i>We can fill any concentration of Acetylene // Air between 0.1 % - 0.92 %</i>
Ammonia (NH₃)
25 ppm Ammonia // Air
25 ppm Ammonia // Nitrogen
50 ppm Ammonia // Air
50 ppm Ammonia // Nitrogen
100 ppm Ammonia // Air
100 ppm Ammonia // Nitrogen
500 ppm Ammonia // Air
500 ppm Ammonia // Nitrogen
1000 ppm Ammonia // Air
1000 ppm Ammonia // Nitrogen
0.5 % Ammonia // Air
0.5 % Ammonia // Nitrogen
1 % Ammonia // Air
1 % Ammonia // Nitrogen
5 % Ammonia // Air
<i>We can fill any concentration of Ammonia // Air or Nitrogen between 5 ppm - 1000 ppm</i>
Argon (Ar)
100 % Argon "Premier" (5.0)
Benzene (C₆H₆)
5 ppm Benzene // Air
Butane (C₄H₁₀)
0.4 % Butane // Air
0.6 % Butane // Air
0.7 % Butane // Air
0.75 % Butane // Air
0.9 % Butane // Air
8 % Butane // Nitrogen (pressure restricted - 100 psig)
8 % Butane / 13.8 % CO ₂ // Nitrogen (pressure restricted - 100 psig)
<i>We can fill any concentration of Butane // Air between 0.1 % - 0.9 %</i>
Iso-Butane (I-C₄H₁₀)
0.75 % Iso-Butane // Air
0.9 % Iso-Butane // Air
7.5 % Iso-Butane // Nitrogen
8 % Iso-Butane // Nitrogen
10 % Iso-Butane // Nitrogen
Iso-Butylene (I-C₄H₈)
8 ppm Iso-Butylene // Air
100 ppm Iso-Butylene // Air
1000 ppm Iso-Butylene // Air
Carbon Dioxide (CO₂)
500 ppm Carbon Dioxide // Nitrogen
500 ppm Carbon Dioxide // Air
1000 ppm Carbon Dioxide // Air
5000 ppm Carbon Dioxide // Air
5000 ppm Carbon Dioxide // Nitrogen
1 % Carbon Dioxide // Air
1 % Carbon Dioxide // Nitrogen

Carbon Dioxide mixtures continued on Page 2....

Mixture

1 % Carbon Dioxide // Nitrogen
1.5 % Carbon Dioxide // Air
2 % Carbon Dioxide // Air
2 % Carbon Dioxide // Nitrogen
3 % Carbon Dioxide // Nitrogen
3 % Carbon Dioxide // Air
5 % Carbon Dioxide // Air
5 % Carbon Dioxide // Nitrogen
10 % Carbon Dioxide // Air
10 % Carbon Dioxide // Nitrogen
18 % Carbon Dioxide // **Argon**
20 % Carbon Dioxide // Air
30 % Carbon Dioxide // **Argon**
40 % Carbon Dioxide // **Methane**
50 % Carbon Dioxide // Nitrogen
50 % Carbon Dioxide // **Methane**
60 % Carbon Dioxide // Nitrogen
80 % Carbon Dioxide // Nitrogen
100 % Carbon Dioxide (3.0)

We can fill any concentration of concentration of Carbon Dioxide // Air or Nitrogen between 0.1 % - 40 %

Carbon Monoxide (CO)

20 ppm Carbon Monoxide // Air
20 ppm Carbon Monoxide // Nitrogen
50 ppm Carbon Monoxide // Air
60 ppm Carbon Monoxide // Air
100 ppm Carbon Monoxide // Air
100 ppm Carbon Monoxide // Nitrogen
150 ppm Carbon Monoxide // Air
200 ppm Carbon Monoxide // Air
200 ppm Carbon Monoxide // Nitrogen
250 ppm Carbon Monoxide // Air
300 ppm Carbon Monoxide // Air
500 ppm Carbon Monoxide // Air
500 ppm Carbon Monoxide // Nitrogen
1000 ppm Carbon Monoxide // Air
1000 ppm Carbon Monoxide // Nitrogen
2000 ppm Carbon Monoxide // Nitrogen
1 % Carbon Monoxide // Air
5 % Carbon Monoxide // Air
5 % Carbon Monoxide // Nitrogen

We can fill any concentration of Carbon Monoxide // Air or Nitrogen between 5 ppm - 3 %

Chlorine (Cl₂)

5 ppm Chlorine // Nitrogen
10 ppm Chlorine // Nitrogen
20 ppm Chlorine // Nitrogen
50 ppm Chlorine // Nitrogen

Ethane (C₂H₆)

100 % Ethane (2.5)

Ethanol (C₂H₆O)

130 ppm Ethanol // Nitrogen
192 ppm Ethanol // Nitrogen
260 ppm Ethanol // Nitrogen

Ethylene (C₂H₄)

1000 ppm Ethylene // Air
1 % Ethylene // Air
1 % Ethylene // Nitrogen
1.35 % Ethylene // Air
100 % Ethylene (2.5) (pressure restricted 400 psig)

We can fill any concentration of Ethylene // Air between 0.1 % - 1.35 %

Ethylene Oxide (ETO) (C₂H₄O)

10 ppm Ethylene Oxide // Nitrogen
10 ppm Ethylene Oxide // Air
100 ppm Ethylene Oxide // Air

Helium (He)

100 % Helium "Premier" (5.0)

Mixture

Heptane (C₇H₁₆)

0.2 % Heptane // Air
0.44 % Heptane // Air
0.45 % Heptane // Air
0.55 % Heptane // Air

Hexane (C₆H₁₄)

1000 ppm Hexane // Air (pressure restricted 600 psig)
1200 ppm Hexane // Air (pressure restricted 450 psig)
0.5 % Hexane // Air (pressure restricted 100 psig)

We can fill any concentration of Hexane // Air between 0.1 % - 0.5 %

Hydrogen (H₂)

100 ppm Hydrogen // Air
100 ppm Hydrogen // Nitrogen
200 ppm Hydrogen // Air
500 ppm Hydrogen // Air
0.1 % Hydrogen // Air
0.2 % Hydrogen // Air
0.4 % Hydrogen // Air
0.5 % Hydrogen // Air
0.8 % Hydrogen // Air
1 % Hydrogen // Air
1 % Hydrogen // Nitrogen
1.2 % Hydrogen // Air
1.6 % Hydrogen // Air
2 % Hydrogen // Air
10 % Hydrogen // Nitrogen
100 % Hydrogen "Premier Plus" (5.0)

Hydrogen Chloride (HCl)

5 ppm Hydrogen Chloride // Nitrogen
10 ppm Hydrogen Chloride // Nitrogen
20 ppm Hydrogen Chloride // Nitrogen
25 ppm Hydrogen Chloride // Nitrogen
50 ppm Hydrogen Chloride // Nitrogen

Hydrogen Cyanide (HCN)

5 ppm Hydrogen Cyanide // Nitrogen
10 ppm Hydrogen Cyanide // Nitrogen
20 ppm Hydrogen Cyanide // Nitrogen
25 ppm Hydrogen Cyanide // Nitrogen

Hydrogen Sulphide (H₂S)

5 ppm Hydrogen Sulphide // Air
5 ppm Hydrogen Sulphide // Nitrogen
10 ppm Hydrogen Sulphide // Air
10 ppm Hydrogen Sulphide // Nitrogen
15 ppm Hydrogen Sulphide // Nitrogen
20 ppm Hydrogen Sulphide // Air
20 ppm Hydrogen Sulphide // Nitrogen
25 ppm Hydrogen Sulphide // Air
25 ppm Hydrogen Sulphide // Nitrogen
40 ppm Hydrogen Sulphide // Air
40 ppm Hydrogen Sulphide // Nitrogen
50 ppm Hydrogen Sulphide // Air
50 ppm Hydrogen Sulphide // Nitrogen
100 ppm Hydrogen Sulphide // Air
100 ppm Hydrogen Sulphide // Nitrogen
150 ppm Hydrogen Sulphide // Air
250 ppm Hydrogen Sulphide // Air
250 ppm Hydrogen Sulphide // Nitrogen
500 ppm Hydrogen Sulphide // Nitrogen
1000 ppm Hydrogen Sulphide // Nitrogen
1400 ppm Hydrogen Sulphide // Nitrogen
1 % Hydrogen Sulphide // Nitrogen

Methane (CH₄)

100 ppm Methane // Air
1000 ppm Methane // Air
0.44 % Methane // Air

Methane mixtures continued on Page 4....

Mixture

0.5 % Methane // Air

0.88 % Methane // Air

1 % Methane // Air

1 % Methane // Nitrogen

2.5 % Methane // Nitrogen

1.25 % Methane // Air

1.5 % Methane // Air

1.8 % Methane // Air

2 % Methane // Air

2.2 % Methane // Air

2.5 % Methane // Air

3 % Methane // Nitrogen

5 % Methane // Nitrogen

8 % Methane // Nitrogen

10 % Methane // Nitrogen

20 % Methane // Nitrogen

50 % Methane // Nitrogen

50 % Methane // Carbon Dioxide (pressure restricted 650 psig)

60 % Methane // Carbon Dioxide (pressure restricted 800 psig)

100 % Methane (2.5)

We can fill any concentration of Methane // Air between 5 ppm - 2.5 %

Nitric Oxide (NO)

10 ppm Nitric Oxide // Nitrogen

25 ppm Nitric Oxide // Nitrogen

50 ppm Nitric Oxide // Nitrogen

100 ppm Nitric Oxide // Nitrogen

500 ppm Nitric Oxide // Nitrogen

1000 ppm Nitric Oxide // Nitrogen

4000 ppm Nitric Oxide // Nitrogen

Nitrogen (N₂)

100 % Nitrogen "Technical" (5.0)

Nitrogen Dioxide (NO₂)

5 ppm Nitrogen Dioxide // Air

5 ppm Nitrogen Dioxide // Nitrogen

10 ppm Nitrogen Dioxide // Air

10 ppm Nitrogen Dioxide // Nitrogen

20 ppm Nitrogen Dioxide // Air

25 ppm Nitrogen Dioxide // Air

100 ppm Nitrogen Dioxide // Air

100 ppm Nitrogen Dioxide // Nitrogen

500 ppm Nitrogen Dioxide // Nitrogen

1000 ppm Nitrogen Dioxide // Air

Nitrous Oxide (N₂O)

100 ppm Nitrous Oxide // Nitrogen

200 ppm Nitrous Oxide // Nitrogen

1 % Nitrous Oxide // Nitrogen

Oxygen (O₂)

100 ppm Oxygen // Nitrogen

0.4 % Oxygen // Nitrogen

1 % Oxygen // Nitrogen

2 % Oxygen // Nitrogen

4 % Oxygen // Nitrogen

5 % Oxygen // Nitrogen

8 % Oxygen // Nitrogen

10 % Oxygen // Nitrogen

15 % Oxygen // Nitrogen

18 % Oxygen // Nitrogen

18.5 % Oxygen // Nitrogen

20.9 % Oxygen // Nitrogen

23.5 % Oxygen // Nitrogen

We can fill any concentration of Oxygen // Nitrogen between 0.1 % - 21 %

Pentane (C₅H₁₂)

0.7 % Pentane // Air

We can fill any concentration of Pentane in Air between 0.1 % - 0.7 %

Mixture

Phosphine (PH₃)

0.5 ppm Phosphine // Nitrogen

5 ppm Phosphine // Nitrogen

10 ppm Phosphine // Nitrogen

Propane (C₃H₈)

0.1 % Propane // Air

0.5 % Propane // Air

0.68 % Propane // Air

0.85 % Propane // Air

0.9 % Propane // Air

1 % Propane // Air

1.1 % Propane // Air

50 % Propane // Nitrogen

100 % Propane (2.5)

Any concentration of Propane // Air between 5 ppm - 1.1 %

Propylene (C₃H₆)

1 % Propylene // Air

Refrigerant R12

1000 ppm Refrigerant R12 // Air

Refrigerant R123

1000 ppm Refrigerant R123 // Air

Refrigerant R1234YF

1000 ppm Refrigerant R1234YF // Air

Refrigerant R1234ZE

1000 ppm Refrigerant R1234ZE // Air

Refrigerant R125

1000 ppm Refrigerant R125 // Air

Refrigerant R134A

500 ppm Refrigerant R134A // Air

1000 ppm Refrigerant R134A // Air

2000 ppm Refrigerant R134A // Air

Refrigerant R14

1000 ppm Refrigerant R14 // Air

Refrigerant R143A

1000 ppm Refrigerant R143A // Air

Refrigerant R22

100 ppm Refrigerant R22 // Air

1000 ppm Refrigerant R22 // Air

2000 ppm Refrigerant R22 // Air

Refrigerant R227EA

1000 ppm Refrigerant R227EA // Air

Refrigerant R23

1000 ppm Refrigerant R23 // Air

Refrigerant R32

1000 ppm Refrigerant R32 // Air

Refrigerant R404A

500 ppm Refrigerant R404A // Air

1000 ppm Refrigerant R404A // Air

2000 ppm Refrigerant R404A // Air

Refrigerant R407A

1000 ppm Refrigerant R407A // Air

Refrigerant R407C

1000 ppm Refrigerant R407C // Air

Refrigerant R407F

1000 ppm Refrigerant R407F // Air

Refrigerant R410A

1000 ppm Refrigerant R410A // Air

3000 ppm Refrigerant R410A // Air

Refrigerant R422A

1000 ppm Refrigerant R422A // Air

Refrigerant R422D

1000 ppm Refrigerant R422D // Air

Refrigerant R448A

1000 ppm Refrigerant R448A // Air

Refrigerant mixtures continued on Page 6...

Mixture

Refrigerant R449A

1000 ppm Refrigerant R449A // Air

Refrigerant R500

1000 ppm Refrigerant R500 // Air

Refrigerant R507

1000 ppm Refrigerant R507 // Air

2000 ppm Refrigerant R507 // Air

Silane (SiH₄)

5 ppm Silane // Nitrogen

10 ppm Silane // Nitrogen

15 ppm Silane // Nitrogen

Sulphur Dioxide (SO₂)

10 ppm Sulphur Dioxide // Nitrogen

20 ppm Sulphur Dioxide // Nitrogen

100 ppm Sulphur Dioxide // Nitrogen

2000 ppm Sulphur Dioxide // Nitrogen

We can fill any concentration of Sulphur Dioxide // Air between 5 ppm - 100 ppm

We can fill any concentration of Sulphur Dioxide // Nitrogen between 5 ppm - 2000 ppm

Sulphur Hexafluoride (SF₆)

500 ppm Sulphur Hexafluoride // Air

1000 ppm Sulphur Hexafluoride // Air

1 % Sulphur Hexafluoride // Air

100 % Sulphur Hexafluoride (4.0)

Toluene (C₇H₈)

100 ppm Toluene // Air (pressure restricted 750 psig)

200 ppm Toluene // Air (pressure restricted 400 psig)

Vinyl Chloride (VCM) (C₂H₃Cl)

10 ppm Vinyl Chloride // Nitrogen

2-gas mixes

1 % Propane / 18 % Oxygen // Nitrogen

8 % Butane / 13.8 % Carbon Dioxide // Nitrogen (pressure restricted 100 psig)

1 % Methane / 3 % Carbon Dioxide // Nitrogen

1.5 % Methane / 15 % Oxygen // Nitrogen

1.62 % Methane / 18 % Oxygen // Nitrogen

0.9 % Butane / 18 % Oxygen // Nitrogen

0.7 % Pentane / 15 % Oxygen // Nitrogen

0.7 % Pentane / 18 % Oxygen // Nitrogen

25 % Nitrogen / 35 % Carbon Dioxide // Methane

2.2 % Methane / 18 % Oxygen // Nitrogen

2.5 % Methane / 18 % Oxygen // Nitrogen

5 % Methane / 10 % Carbon Dioxide // Nitrogen

0.5 % Oxygen / 30 % Carbon Dioxide // Nitrogen

3-gas mixes

2 % Carbon Dioxide / 2.5 % Methane / 15 % Oxygen // Nitrogen

50 ppm Carbon Monoxide / 4 % Methane / 5 % Carbon Dioxide // Nitrogen

5 % Carbon Dioxide / 5 % Methane / 6 % Oxygen // Nitrogen

50 ppm Carbon Monoxide / 2.2 % Methane / 18 % Oxygen // Nitrogen

50 ppm Carbon Monoxide / 2.5 % Methane / 12 % Oxygen // Nitrogen

50 ppm Carbon Monoxide / 2.5 % Methane / 18 % Oxygen // Nitrogen

100 ppm Carbon Monoxide / 2.2 % Methane / 15 % Oxygen // Nitrogen

100 ppm Carbon Monoxide / 2.5 % Methane / 19 % Oxygen // Nitrogen

100 ppm Carbon Monoxide / 2.5 % Methane / 18 % Oxygen // Nitrogen

100 ppm Carbon Monoxide / 2.2 % Methane / 18 % Oxygen // Nitrogen

25 ppm Hydrogen Sulphide / 2.5 % Methane / 18.5 % Oxygen // Nitrogen

50 ppm Hydrogen Sulphide / 2.5 % Methane / 17 % Oxygen // Nitrogen

15 ppm Hydrogen Sulphide / 0.75 % Methane / 18 % Oxygen // Nitrogen

50 ppm Hydrogen Sulphide / 0.75 % Iso-Butane / 12 % Oxygen // Nitrogen

4-gas mixes

60 ppm Carbon Monoxide / 1.5 % Carbon Dioxide / 2.5 % Methane / 18 % Oxygen // Nitrogen

100 ppm Carbon Monoxide / 2 % Carbon Dioxide / 2.2 % Methane / 15 % Oxygen // Nitrogen

100 ppm Carbon Monoxide / 2 % Carbon Dioxide / 0.75 % Propane / 15 % Oxygen // Nitrogen

100 ppm Hydrogen / 100 ppm Methane / 5 % Carbon Dioxide / 16 % Oxygen // Nitrogen

Quad gas mixes

10 ppm H₂S / 50 ppm CO / 2.2 % CH₄ / 18 % O₂ // N₂

10 ppm H₂S / 50 ppm CO / 2.5 % CH₄ / 18 % O₂ // N₂

10 ppm H₂S / 50 ppm CO / 2.5 % CH₄ / 20.9 % O₂ // N₂

15 ppm H₂S / 50 ppm CO / 2.5 % CH₄ / 18 % O₂ // N₂

Quad gas mixtures continued on Page 7...

Mixture

15 ppm H ₂ S / 100 ppm CO / 2.5 % CH ₄ / 18 % O ₂ // N ₂
15 ppm H ₂ S / 100 ppm CO / 2 % CO ₂ / 15 % O ₂ // N ₂
15 ppm H ₂ S / 250 ppm CO / 2.5 % CH ₄ / 18 % O ₂ // N ₂
15 ppm H ₂ S / 2 % CO ₂ / 2.5 % CH ₄ / 15 % O ₂ // N ₂
20 ppm H ₂ S / 60 ppm CO / 1.45 % CH ₄ / 15 % O ₂ // N ₂
25 ppm H ₂ S / 50 ppm CO / 1.62 % CH ₄ / 18 % O ₂ // N ₂
25 ppm H ₂ S / 50 ppm CO / 2.2 % CH ₄ / 12 % O ₂ // N ₂
25 ppm H ₂ S / 50 ppm CO / 2.2 % CH ₄ / 18 % O ₂ // N ₂
25 ppm H ₂ S / 50 ppm CO / 2.5 % CH ₄ / 18 % O ₂ // N ₂
25 ppm H ₂ S / 50 ppm CO / 2.5 % CH ₄ / 19 % O ₂ // N ₂
25 ppm H ₂ S / 50 ppm CO / 2.5 % CH ₄ / 20.9 % O ₂ // N ₂
25 ppm H ₂ S / 50 ppm CO / 2.5 % CH ₄ / 12.0 % O ₂ // N ₂
25 ppm H ₂ S / 50 ppm CO / 0.75 % Iso-Butane / 12 % O ₂ // N ₂
25 ppm H ₂ S / 50 ppm CO / 0.9 % Iso-Butane / 12 % O ₂ // N ₂
25 ppm H ₂ S / 65 ppm CO / 1.5 % CH ₄ / 18.5 % O ₂ // N ₂
25 ppm H ₂ S / 100 ppm CO / 1.25 % CH ₄ / 18 % O ₂ // N ₂
25 ppm H ₂ S / 100 ppm CO / 2.2 % CH ₄ / 18 % O ₂ // N ₂
25 ppm H ₂ S / 100 ppm CO / 2.2 % CH ₄ / 20.9 % O ₂ // N ₂
25 ppm H ₂ S / 100 ppm CO / 2.5 % CH ₄ / 18 % O ₂ // N ₂
25 ppm H ₂ S / 100 ppm CO / 2.5 % CH ₄ / 18.5 % O ₂ // N ₂
25 ppm H ₂ S / 100 ppm CO / 2.5 % CH ₄ / 19 % O ₂ // N ₂
25 ppm H ₂ S / 100 ppm CO / 2.5 % CH ₄ / 20.9 % O ₂ // N ₂
25 ppm H ₂ S / 100 ppm CO / 0.85 % Propane / 18 % O ₂ // N ₂
25 ppm H ₂ S / 100 ppm CO / 0.35 % Pentane / 18 % O ₂ // N ₂
25 ppm H ₂ S / 100 ppm CO / 0.7 % Pentane / 18 % O ₂ // N ₂
25 ppm H ₂ S / 100 ppm CO / 1.1 % Propane / 18 % O ₂ // N ₂
25 ppm H ₂ S / 100 ppm CO / 1.1 % Propane / 19 % O ₂ // N ₂
25 ppm H ₂ S / 200 ppm CO / 2.5 % CH ₄ / 17 % O ₂ // N ₂
25 ppm H ₂ S / 200 ppm CO / 0.7 % Pentane / 18 % O ₂ // N ₂
40 ppm H ₂ S / 100 ppm CO / 2.2 % CH ₄ / 15 % O ₂ // N ₂
40 ppm H ₂ S / 100 ppm CO / 2.5 % CH ₄ / 15 % O ₂ // N ₂
40 ppm H ₂ S / 2 % CO ₂ / 2.5 % CH ₄ / 15 % O ₂ // N ₂
50 ppm H ₂ S / 200 ppm CO / 2.2 % CH ₄ / 17 % O ₂ // N ₂
50 ppm H ₂ S / 200 ppm CO / 2.5 % CH ₄ / 17 % O ₂ // N ₂
50 ppm H ₂ S / 500 ppm CO / 2.5 % CH ₄ / 18 % O ₂ // N ₂
5-gas (quint) mixes
15 ppm H ₂ S / 50 ppm CO / 2 % CO ₂ / 2.5 % CH ₄ / 18 % O ₂ // N ₂
15 ppm H ₂ S / 100 ppm CO / 1 % CO ₂ / 2.5 % CH ₄ / 18 % O ₂ // N ₂
15 ppm H ₂ S / 100 ppm CO / 2 % CO ₂ / 2.5 % CH ₄ / 15 % O ₂ // N ₂
15 ppm H ₂ S / 100 ppm CO / 2 % CO ₂ / 0.75 % Butane / 15 % O ₂ // N ₂
25 ppm H ₂ S / 100 ppm CO / 5000 ppm CO ₂ / 2.2 % CH ₄ / 18 % O ₂ // N ₂
25 ppm H ₂ S / 100 ppm CO / 5000 ppm CO ₂ / 2.5 % CH ₄ / 18 % O ₂ // N ₂
25 ppm H ₂ S / 100 ppm CO / 2 % CO ₂ / 2.5 % CH ₄ / 20.9 % O ₂ // N ₂
40 ppm H ₂ S / 100 ppm CO / 2 % CO ₂ / 2.2 % CH ₄ / 15 % O ₂ // N ₂
Complex Mixtures
10 ppm Benzene / 10 ppm Ethyl-Benzene / 10 ppm Toluene / 10 ppm M-Xylene / 10 ppm O-Xylene / 10 ppm P-Xylene // Nitrogen
100 ppm Hydrogen / 500 ppm CO ₂ / 500 ppm CO / 500 ppm Ethane / 500 ppm Ethylene / 500 ppm Acetylene / 500 ppm Methane // Air
100 ppm Methane / 100 ppm Ethane / 100 ppm Propane / 100 ppm Butane / 100 ppm Pentane / 100 ppm Hexane // Nitrogen

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

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