

Apex Gas Library

Inert Gases	Bioreactor Gas Mixes	Breathing Gases
Acetylene	• 5% CH ₄ 95% CO ₂	EAN-32
• Air	• 10% CH ₄ 90% CO ₂	• EAN-36
• Argon	• 15% CH ₄ 85% CO ₂	• EAN-40
• i-Butane	• 20% CH ₄ 80% CO ₂	• EA-40
• n-Butane	• 25% CH ₄ 75% CO ₂	• EA-60
• Carbon dioxide	• 30% CH ₄ 70% CO ₂	• EA-80
• Carbon monoxide	• 35% CH ₄ 65% CO ₂	• Heliox-20
• Deuterium	• 40% CH ₄ 60% CO ₂	• Heliox-21
• Ethane	• 45% CH ₄ 55% CO ₂	• Heliox-30
• Ethylene (Ethene)	• 50% CH ₄ 50% CO ₂	• Heliox-40
• Helium	• 55% CH ₄ 45% CO ₂	• Heliox-50
• Hydrogen	• 60% CH ₄ 40% CO ₂	• Heliox-60
• Krypton	• 65% CH ₄ 35% CO ₂	• Heliox-80
• Methane	• 70% CH ₄ 30% CO ₂	• Heliox-99
• Neon	• 75% CH ₄ 25% CO ₂	• Metabolic Exhalant
• Nitrogen	• 80% CH ₄ 20% CO ₂	
• Nitrous Oxide	• 85% CH ₄ 15% CO ₂	
• Oxygen	• 90% CH ₄ 10% CO ₂	
• Propane	• 95% CH ₄ 5% CO ₂	
• Sulfur Hexafluoride		
• Xenon		

Fuel Gases

Coal Gas 50% H₂+35% CH₄+10% CO+5% C₂H₄

- Endothermic Gas 75% H₂+25% N₂
- HHO 66.67% H₂+33.33% O₂
- LPG HD-5 96.1% C₃H₈+1.5% C₂H₆+0.4% C₃H₆+1.9% n-C₄H₁₀
- LPG HD-10 85% C₃H₈+10% C₃H₆+ 5% n-C₄H₁₀
- Nat Gas 93% CH₄+3% C₂H₆+1% C₃H₈+2% N₂+1% CO₂
- Nat Gas 95% CH₄+3% C₂H₆+1% N₂+ 1% CO₂
- Nat Gas 95.2% CH₄+2.5% C₂H₆+0.2% C₃H₈+0.1% C₄H₁₀+1.3% N₂+0.7% CO₂
- Syn Gas 40% H₂+29% CO+20% CO₂+11% CH₄
- Syn Gas 64% H₂+28% CO+1% CO₂+7% CH₄
- Syn Gas 70% H₂+4% CO+25% CO₂+1% CH₄
- Syn Gas 83% H₂+14% CO+3% CH₄

Refrigerants	Welding Gases	Laser Gas Mixtures
• R-11	C-2	• 4.5% CO ₂ +13.5% N ₂ +82% He
• R-14	• C-8	• 6% CO ₂ +14% N ₂ +80% He
• R-22	• C-10	• 7% CO ₂ +14% N ₂ +79% He
• R-23	• C-15	• 9% CO ₂ +15% N ₂ +76% He
• R-32	• C-20	• 9.4% CO ₂ +19.25% N ₂ +71.35% He
• R-115	• C-25	• 9% Ne+91% He
• R-116	• C-50	
• R-124	• C-75	
• R-125	• He-25	Stack/Flue Gas
• R-134A	• He-50	2.5% O ₂ +10.8% CO ₂ +85.7% N ₂ +1% Ar
• R-142B	• He-75	• 2.9% O ₂ +14% CO ₂ +82.1% N ₂ +1% Ar
• R-143A	• He-90	• 3.7% O ₂ +15% CO ₂ +80.3% N ₂ +1% Ar
• R-152A	• A1025	• 7% O ₂ +12% CO ₂ +80% N ₂ +1% Ar
• RC-318	• Stargon CS	• 10% O ₂ +9.5% CO ₂ +79.5% N ₂ +1% Ar
• R-404A		• 13% O ₂ +7% CO ₂ +79% N ₂ +1% Ar
• R-407C		
• R-410A		
• R-507A		