



Pure Gas Compatibility Chart

Pure Gases		Regulators						Flowmeters	
		100 Series	200 Series	300 Series		400 Series		500 Series	
		Brass	Chrome-plated brass	Chrome-plated brass	Stainless steel	Aluminum	Brass	Stainless steel	Chrome-plated brass
Acetylene	C ₂ H ₂								
Purified, 99.6%									
Air									
Zero/Ultra Zero									
Dry									
Ammonia	NH ₃								
Electronic, 99.999%									
Anhydrous, 99.99%									
Argon	Ar								
Research, 99.9995%									
Ultra High Purity, 99.999%									
Pre-purified, 99.998%									
High Purity, 99.99%									
n-Butane	C ₄ H ₁₀								
Research, 99.9% & CP 99.9%									
Carbon Dioxide	CO ₂								
Research, 99.998%									
Instrument, 99.99%									
Bone Dry, 99.9%									
Carbon Monoxide	CO								
Research, 99.99%									
CP, 99.5%									
Technical, 98.5%									
Chlorine	Cl ₂								
High Purity, 99.5% & CP, 99.7%									
Ethane	C ₂ H ₆								
Research, 99.96% & CP, 99.7%									
Ethylene	C ₂ H ₄								
Research, 9.98%									
CP, 99.5%									
Helium	He								
Research, 99.9999%									
Ultra High Purity, 99.999%									
Hydrogen	H ₂								
Research, 99.9999%									
Ultra High Purity, 99.999%									
Pre-purified, 99.99%									
Extra Dry, 99.95%									
Hydrogen Chloride	HCl								
Electronic, 99.99% & Technical, 99%									
Hydrogen Sulfide	H ₂ S								
CP, 99.5%									

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Isobutane	C ₄ H ₁₀								
Research, 99.96% & CP, 99%									
Krypton	Kr								
Research, 99.995%									
Methane	CH ₄								
Research, 99.99%									
Ultra High Purity, 99.97%									
CP, 99%									
Technical, 98%									
Methyl Chloride	CH ₃ Cl								
CP, 99.5%									
Neon	Ne								
Research, 99.999%									
Nitric Oxide	NO ₂								
CP, 99%									
Nitrogen	N ₂								
Research, 99.9995%									
Ultra High Purity, 99.999%									
Pre-purified, 99.998%									
High Purity, 99.99%									
Nitrous Oxide	N ₂ O								
Electronic, 99.99%									
CP, 99%									
Oxygen	O ₂								
Research, 99.995%									
Ultra High Purity, 99.993%									
Zero, 99.6%									
Extra Dry, 99.6%									
Phosphine	PH ₃								
Electronic, 99.995%									
Propane	C ₃ H ₈								
Research, 99.99%									
Instrument, 99.5% & CP, 99%									
Silane	SiH ₄								
VLSI									
Semiconductor									
Sulfur Hexafluoride	SF ₆								
CP, 99.8%									
Xenon	Xe								
Research, 99.995%									