

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

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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%										