

Pure Gases CGA Selection Chart for Fittings

Valve Required	Pure Gases
410/510/300	Acetylene
590/346/347/702	Air
240/660/705	Ammonia
580/680/677	Argon
350	Arsine
320	Carbon Dioxide
350	Carbon Monoxide
660	Chlorine
510	Cyclopropane
350	Deuterium
350	Ethane
350	Ethylene
510	Ethylene Oxide
580/680/677	Helium
350/695/703	Hydrogen
330	Hydrogen Chloride
330	Hydrogen Sulfide
580	Krypton, Kr-85
350/695/703	Methane
510	Methyl Chloride
580/680/677	Neon
580/680/677	Nitrogen
326	Nitrous Oxide
540/577/701	Oxygen
350	Phosphine
510	Propane
350	Silane
668/660	Sulfur Dioxide
590	Sulfur Hexafluoride
580/680/677	Xenon

Medical Gases

CGA Valve	Gas Type
870	Oxygen
940	CO2
930 / 960	Inert / Nitrogen
910	Nitrous Oxide
950	Breathing Air
965 / 973	Medical Gas Mixtures

Mixed Gases CGA Selection Chart for Fittings

CGA Valve Required	Mixed Gases	
	Minor Component	Major Component
240/660/705	Ammonia	Nitrogen
350	Butane	Nitrogen
296	Carbon Dioxide	Oxygen
580	Carbon Dioxide	Helium or Nitrogen
580	Carbon Dioxide and/or Nitrogen	Helium
330	Chlorine	Nitrogen
350	Diborane	Argon, Helium, Hydrogen, Nitrogen
580	Freon-12	Nitrogen
296	Helium	Oxygen
350	Hexane	Nitrogen
350	Isobutane	Nitrogen
350	Krypton-85	Carbon monoxide, Hydrogen or Methane
330	Krypton-85	Chlorine
540	Krypton-85	Oxygen
580	Moisture	Argon, Helium or Nitrogen
660	Nitric Oxide	Nitrogen
660	Nitrogen Dioxide	Air or Nitrogen
590	Nitrous Oxide	Nitrogen
590	Oxygen	Nitrogen or Helium
350	Propane	Nitrogen or Helium
660	Sulfur Dioxide	Air or Nitrogen
590	Sulfur Hexafluoride	Argon, Helium or Nitrogen
350	Sulfur Hexafluoride	Hydrogen
350	Tritium	Argon Carbon Dioxide Hydrogen Methane Neon Nitrogen Krypton or Xenon



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