

Hydrogen Chloride

A colorless, corrosive, irritating, toxic gas.

Technical Information:	
Chemical Symbol:	HCl
Molecular Weight:	36.46
Specific Volume	10.6 ft ³ /lb (0.68 m ³ /kg)
CAS Registry Number:	7647-01-0

Shipping Information:	
DOT Proper Name:	Hydrogen Chloride, Anhydrous
Hazard Class:	2.3
I.D. Number:	UN 1050
Labels:	Poison Gas, Corrosive

Grade	Part No.	Purity	Impurity	Specification	Equipment Recommended
PurityPlus 5.0 (Research)	HCL-50-XX	99.999%	Total Impurities (Nitrogen, Oxygen, CO, CO ₂ , Total Hydrocarbons)	< 10 ppm	400 series stainless steel regulator see page 4.18
PurityPlus 4.5	HCL-45-XX	99.995%	Total Impurities (Nitrogen, Oxygen, CO, CO ₂ , Total Hydrocarbons)	< 50 ppm	400 series stainless steel regulator see page 4.18
PurityPlus 4.0	HCL-40-XX	> 99.99%	Total Impurities	< 100 ppm	400 series stainless steel regulator see page 4.18
PurityPlus 2.0 (Technical)	HCL-20-XX	> 99%	Total Impurities	< 1.0%	400 series stainless steel regulator see page 4.18

XX - Complete the part number with the desired cylinder size listed below. (ie. HCL-50-200)

Standard Cylinder Sizes *	Contents lbs	Cylinder Pressure PSIG	CGA Valve Connection
200	60	613	330
80	20	613	330
30	8	613	330

*Nonstandard cylinder sizes available upon request