



HYDROGEN CHLORIDE

[Synonyms: Anhydrous Hydrochloric Acid]

HCl

*Colorless, toxic, nonflammable, acidic, liquefied gas with a pungent odor.
Shipped as a liquid under its own vapor pressure.*

SHIPPING INFORMATION

D.O.T. Proper Shipping Name: Hydrogen Chloride, Anhydrous
 I.D. Number: UN1050
 Hazard Class: 2.3 (8)
 Shipping Labels: Toxic Inhalation Hazard,
 Corrosive

TECHNICAL INFORMATION

Molecular Weight: 36.461
 Specific Volume: 10.6 ft³/lb.
 CAS Registry: 7647-01-0
 Safety Data Sheet Reference: Hydrogen Chloride

PRODUCT GRADE SPECIFICATIONS

Grade Name	Grade	Minimum Purity	Grade Code	Catalog Number ¹	Maximum Impurity Specifications in PPM by Volume (unless otherwise specified) ²					
					O ₂ +Ar	H ₂ O	THC (as CH ₄)	N ₂	CO	CO ₂
Semiconductor	5.0	99.999%	SC	SG HCLSC-	1	1	1	2	0.5	2

Notes:

¹ Complete the catalog number by selecting cylinder size code using chart below. Except for Disposables, "SG" will be replaced with "DSP".
² Specifications are typical results and are subject to change without notice. Product sold on the basis of total impurities. Individual impurities may vary slightly.

CYLINDER INFORMATION

Cylinder Size	Cylinder Size Code	Volume lbs. ³	Pressure (PSIG) @ 70° F.	Valve Connection CGA ⁴	Gross Weight (lbs.)
High Pressure Carbon Steel Cylinders					
200	K	60	613	330 ASB	211
35	G	9	613	330 ASB	42
Disposable Non-Refillable Cylinders					
Lecture Bottle	LB*	227 Grams	613	*330 ASB	7

Notes: ³ This product is sold by the cylinder. Fill volumes are approximate and may vary slightly depending on the cylinder manufacturer's specifications.

⁴ CGA 330 ASB (Aluminum Silicon Bronze)

Contact your WestAir representative about equipment recommendations for this product.