Halocarbon-14 (CF_4)

(Tetrafluoromethane, Carbon Tetrafluoride)

A colorless, nonflammable, noncorrosive gas.

Grade	% Purity	O_2	SF_6	N_2	CO	CO_2	H_2O	Acidity (HF)	Other Halocarbons	THC
Semiconductor (#)	99.999	2	1	4	1	1	1	0.1 ppmw	2	1
UHP	99.99	15	1	60	5	5	1	0.25 ppmw	10	
Chemically Pure (CP) (1)	99.9									

Concentrations given are ppm by volume unless otherwise specified.

Notes

(1) Total impurities not to exceed 1000 ppm.

(#)Semiconductor grade valve material is brass for standard CGA connection. Cylinders can be provided with SS or DISS valves and additional proper regulator options upon request.

PRODUCT	Ordering Information					Equipment Recommendations		
	Cylinder Size	Contents lbs	Standard Valve Outlet (CGA)	Product Number	Cylinder Pressure at 70°F (psig)	Description Product Number	Delivery Pressure Range (psig)	Page Number
Semiconductor	Y 300 200	720 88 70	580 580 580	RD SMY RD SM300 RD SM200	1875 2000 1875			
	Certificate of Analysis included. Vapor phase analysis.							
Ultra High Purity (UHP)	200	70	580	RD UHP200	1875	**Two-Stage Regulator** Y12-C445 * 580 **Single-Stage Regulator** Y11-C444 * 580	**A = 0-25** **B = 0-50** **D = 0-100** **E = 0-150** **F = 0-250** **G = 0-500****	**E28** **E27**
	Individual or Batch Certificate of Analysis available upon request. Vapor phase analysis.							
Chemically Pure (CP)	200	70	580	RD CP200	1875			
	Individual or Batch Certificate of Analysis available upon request. Vapor phase analysis.					* Insert Delivery Pressure Range Code ** Single Stage Only		

Technical Data & Shipping Information	
Molecular Weight	88.0043
Specific Volume	4.40 cf/lb @70˚ F & 1 ATM
Flammability Limits in Air	Nonflammable
U.S. DOT Name	Tetrafluoromethane, Compressed
ID Number	UN 1982
U.S. DOT Hazard Class	2.2
U.S. DOT Label	Nonflammable Gas
CAS Registry	75-73-0

Airgas Quality Policy

The purpose of the Airgas Quality System is to continually improve our manufacturing and related processes to provide our customers with the highest product purity, consistency, and service.