

Halocarbon-14 (CF₄)

(Tetrafluoromethane, Carbon Tetrafluoride)

A colorless, nonflammable, noncorrosive gas.

Purity Specifications	Minimum Purity	O ₂	SF ₆	N ₂	CO	CO ₂	H ₂ O	Acidity	Other Fluorocarbons
Semiconductor	99.999%	< 2	< 1	< 4	< 1	< 1	< 1	< 0.1 ppmw	< 2
Ultra High Purity (UHP)	99.99%	< 15	< 1	< 60	< 5	< 5	< 1	< 0.25 ppmw	< 10

Concentrations given are ppm by volume unless otherwise specified.

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	200	70	580	REF R14S200	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**	E29
	An individual or batch analysis is available at a nominal charge. Certificate of Conformance provided upon request. Vapor phase analysis							
Ultra High Purity (UHP)	200	70	580	REF R14UHP200	1875	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
	An individual or batch analysis is available at a nominal charge. Certificate of Conformance provided upon request. Vapor phase analysis							

* Insert Delivery Pressure Range Code
 ** Single Stage Only

Technical Data & Shipping Information	
Molecular Weight	88.00
Specific Volume	4.4 cf/lb @70° F
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