

Halocarbon-116 (C₂F₆)

(Hexafluoroethane)

A colorless, noncorrosive, nonflammable liquefied gas.

Purity Specifications	Minimum Purity	Air	H ₂ O	Acidity	Other Fluorocarbons
VLSI	99.999%	< 25	< 5	< 0.1 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
VLSI	200	95	660	REF R116V200	417	Single-Stage Regulator Y11-C444 * 660	A = 0-25 B = 0-50 D = 0-100 E = 0-150	E28
Certificate of Conformance provided upon request. Vapor phase analysis.						* Insert Delivery Pressure Range Code		

Technical Data & Shipping Information	
Molecular Weight	138.01
Specific Volume	2.8 cf/lb @70° F
Flammability Limits in Air	Nonflammable
U.S. DOT Name	Hexafluoromethane, Compressed
ID Number	UN 2193
U.S. DOT Hazard Class	2.2
U.S. DOT Label	Nonflammable Gas
CAS Registry	76-16-4