

## Halocarbon-C318 (C<sub>4</sub>F<sub>8</sub>)

A colorless, odorless, nonflammable liquefied gas.

(Octafluorocyclobutane)

Purity Specifications	Minimum Purity	Air (O <sub>2</sub> and N <sub>2</sub> )	H <sub>2</sub> O	Other Fluorocarbons	Acidity
Semiconductor	99.995%	< 20	< 10	< 20	< 0.1 ppmw
Chemically Pure (CP)	99.98%	< 100	< 50	< 50	< 0.1 ppmw

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	1/2 TON 65	1,340 161	660 660	REF C318SHTN REF C318S65	25 25	Single-Stage Regulator Y11-C444 A660	0-25	E28
Chemically Pure (CP)	1/2 TON 65	1,340 161	660 660	REF C318CPHTN REF C318CP65	25 25	Single-Stage Regulator Y11-C444 A660	0-25	E28

Technical Data & Shipping Information	
Molecular Weight	200.03
Specific Volume	1.9 cf/lb @70° F
Flammability Limits in Air	Nonflammable
U.S. DOT Name	Octafluorocyclobutane
ID Number	UN 1976
U.S. DOT Hazard Class	2.2
U.S. DOT Label	Nonflammable Gas
CAS Registry	115-25-3

## Halocarbon-1216 (C<sub>3</sub>F<sub>6</sub>)

An odorless, colorless, noncombustible gas.

(Hexafluoropropylene)

Purity Specifications	Minimum Purity	O <sub>2</sub>	H <sub>2</sub> O
Chemically Pure (CP)	99.9%	< 50	< 20

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
Chemically Pure (CP)	1/2 TON 350	1,100 152	660 660	HN PHTN HN P350	85 85	Single-Stage Regulator Y11-C444 A660	0-25	E28

Technical Data & Shipping Information	
Molecular Weight	150.03
Specific Volume	2.51193 cf/lb @70° F
Flammability Limits in Air	Nonflammable
U.S. DOT Name	Hexafluoropropylene
ID Number	UN 1858
U.S. DOT Hazard Class	2.2
U.S. DOT Label	Nonflammable Gas
CAS Registry	116-15-4