

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

A colorless, odorless, nonflammable liquefied gas.

(Octafluorocyclobutane)

Grade	% Purity	O <sub>2</sub>	N <sub>2</sub>	H <sub>2</sub> O	Other Halocarbons	Acidity (HF)
Semiconductor <sup>(#)</sup>	99.995	4	16	10	20	0.1 ppmw
Chemically Pure (CP)	99.98	20	80	50	50	0.1 ppmw

Concentrations given are ppm by volume unless otherwise specified.

### Notes

<sup>(#)</sup> 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	½ TON	1,100	660	R3 SMHTN	25	Single-Stage Regulator Y11-C444 A660	0-25	E27
	200	110	660	R3 SM200	25			
Certificate of Analysis included.								
Chemically Pure (CP)	½ TON	1,100	660	R3 CPHTN	25	Single-Stage Regulator Y11-C444 A660	0-25	E27
	200	110	660	R3 CP200	25			
Individual or Batch Certificate of Analysis available upon request.								

### Technical Data & Shipping Information

Molecular Weight	200.0300
Specific Volume	1.93 cf/lb @70° F & 1 ATM
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)

Product Specifications	Minimum Purity	O <sub>2</sub>	H <sub>2</sub> O
Polymer	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
Polymer	½ TON	1,100	660	HN PHTN	85	Single-Stage Regulator Y11-C444 A660	0-25	E27
Certificate of Analysis available upon request.								

Technical Data & Shipping Information	
Molecular Weight	150.0225
Specific Volume	2.58 cf/lb @70° F & 1 ATM
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