



## Halocarbon C318 (Octafluorocyclobutane)

### Description

Formula: C<sub>4</sub>F<sub>8</sub>

### Gas Data

Molecular Weight: 200.03  
 Density: 8.666 kg/m<sup>3</sup> @ 21.1°C, 101.325 kPa  
 0.5411 ft<sup>3</sup>/lb @ 70°F, 14.696 psia  
 Specific Volume: 0.1154 m<sup>3</sup>/kg @ 21.1°C, 101.325 kPa  
 1.848 lb/ft<sup>3</sup> @ 70°F, 14.696 psia

### Cylinder Specifications

Cylinder Size	Valve Outlet CGA No.	Pressure psig @ 70°F	Pressure kPa @ 21.1°C	Approximate Ship Weight	
				lb	kg
2	660	25	172	104	47
3	660	25	172	29	13
LB	170	25	172	6	3

### Shipping Information

CAS Registry Number: 115-25-3  
 UN Number: UN 1976  
 ECCN Number: EAR99  
 DOT Proper Shipping Name: Octafluorocyclobutane  
 DOT Classification: 2.2 (Nonflammable Gas)  
 DOT Label: NON-FLAMMABLE GAS  
 TC Shipping Name: Octafluorocyclobutane  
 TC Classification: 2.2  
 TC Label: NON-FLAMMABLE GAS,  
 NON-POISONOUS GAS

### Gas Grade Purity Specifications

Gas Grade Purity Specifications	Product Code	Cylinder Size	Content		Equipment Recommendations	Model No.
			US	Metric		
Halocarbon C318, CP Grade 99.9%	G1476155	2	15 lb	6.80 kg	Single Stage Reg. LB Regulator Leak Detector	Series 3530-660 Series 3550-170 8066
	G1476156	3	6 lb	2.72 kg		
	G1476175	LB	0.5 lb	227 gm		

Note: Environmental agreements may limit the availability of some Halocarbons.