



## OCTAFLUOROPROPANE/HALOCARBON 218 (C3F8): A colorless, non-flammable liquefied gas with a faintly sweet odor

Purity:	Grade 3.6	Grade 3.7	Grade 4
<b>Specifications:</b>	<b>99.96%</b>	<b>99.97%</b>	<b>99.99%</b>
Nitrogen	< 200 ppmv	< 145 ppmv	< 40 ppmv
Oxygen	< 50 ppmv	< 50 ppmv	< 10 ppmv
Carbon Monoxide		< 5 ppmv	< 5 ppmv
Carbon Dioxide	< 10 ppmv	< 11 ppmv	< 5 ppmv
Moisture	< 10 ppmw	< 6 ppmw	< 10 ppmv
Other Halocarbons	< 100 ppmv	< 400 ppmv	< 40 ppmv
Light Gases		< 200 ppmv	
Acidity		< 0.1 ppm/w	< 0.1 ppm /w

*\*\*Moisture level guaranteed only when Electronic Fluorocarbons prepares the cylinders.*

*All concentrations are on a mol/mol basis unless otherwise stated.*

*Product sold on the basis of total impurities. Individual impurities may vary slightly.*

Cylinder Size	Fill Weight (lbs)
44L/Size 200	100
16L/Size 80	35
7L/Size 35	15

### Technical Data:

Mol. Wt: 188.02  
Sp. Volume: 2.02 cu.ft/lb  
Pressure @ 70°F: 100 psig  
Valve Outlet: CGA 660  
DISS 716

### Shipping Information:

DOT Name: Octafluoropropane  
Hazard Class: 2.2  
DOT No.: UN 2424  
DOT Label: Green, Non-Flammable Gas  
CAS No.: 76-19-7

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