



Octafluoropropane (C₃F₈)

Specifications

	GRADE 3.6	GRADE 3.7	GRADE 4
Purity	99.96%	99.97%	99.99%
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 ppmv	< 6 ppmw	< 10 ppmv
Other Halocarbons	< 100 ppmv	< 400 ppmv	< 40 ppmv
Light Gases		< 200 ppmv	
Acidity		< 0.1 ppmw	< 0.1 ppmw

Note: Moisture level guaranteed only when EFC Gases & Advanced Materials prepares the cylinders. All concentrations are on a mol/mol basis unless otherwise stated.

Cylinder Sizes

SIZE	FILL WEIGHT (LB)
44L/Size 200	100
16L/Size 80	35
7L/Size 35	15

Technical Data

Molecular Weight: 188.02 g/mol
Specific Volume: 2.02 cu.ft./lb
Pressure @ 70°F: 23.5 psig
Valve Outlet: CGA 660 DISS 716

Shipping Information

DOT Name: Octafluoropropane
Hazard Class: 2.2
DOT Number: UN 2424
DOT Label: Green, Non-Flammable Gas
CAS Number: 76-19-7