



Hexafluoroethane (C₂F₆)

Specifications

	GRADE 4.5	GRADE 5
Purity	99.995%	99.999%
Nitrogen	< 10 ppmv	< 5 ppmv
Oxygen	< 5 ppmv	< 1 ppmv
Carbon Monoxide	< 1 ppmv	< 1 ppmv
Carbon Dioxide	< 2 ppmv	< 1 ppmv
Moisture	< 5 ppmv	< 1 ppmv
Other Organics	< 25 ppmv	< 1 ppmv
Acidity (HF)	< 0.1 ppmv	< 0.1 ppmv

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	95
16L/Size 80	34
7L/Size 35	15

Technical Data

Molecular Weight: 138.01 g/mol
Specific Volume: 2.8 cu.ft./lb
Pressure @ 70°F: 450 psig
Valve Outlet: CGA 660/320 DISS 716

Shipping Information

DOT Name: Hexafluoroethane
Hazard Class: 2.2
DOT Number: UN 2193
DOT Label: Green, Non-Flammable Gas
CAS Number: 76-16-4