



Sulfur Hexafluoride (SF₆)

Specifications

	GRADE 3	GRADE 4	GRADE 5
Purity	99.9%	99.99%	99.999%
Nitrogen		< 40 ppmv	< 5 ppmv
Oxygen		< 10 ppmv	< 2 ppmv
Air (N ₂ +O ₂)	< 400 ppmv		
CF ₄	< 100 ppmv	< 15 ppmv	< 5 ppmv
Water	< 8 ppmv	< 8 ppmv	< 2 ppmv
Acidity (HF)	< 1 ppmw	< 0.5 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. Product sold on the basis of total impurities. Individual impurities may vary slightly.

Cylinder Sizes

SIZE	FILL WEIGHT (LB)
Tube Trailer	28,000
44L/Size 200	115
16L/Size 80	35
7L/Size 35	18

Technical Data

Molecular Weight: 146.05 cu.ft./lb
 Specific Volume : 2.65 cu.ft./lb
 Pressure @ 70°F: 320 psig
 Valve Outlet: CGA 590 DISS 716

Shipping Information

DOT Name: Sulfur Hexafluoride
 Hazard Class: 2.2
 DOT Number: UN 1080
 DOT Label: Green, Non-flammable Gas
 CAS No.: 2551-62-4