

Sulfur Hexafluoride

A colorless, odorless, liquefied gas.

Technical Information:

Chemical Symbol:	SF ₆
Molecular Weight:	146.05
Specific Volume	2.50 ft ³ /lb (0.16 m ³ /kg)
CAS Registry Number:	2551-62-4

Shipping Information:

DOT Proper Name:	Sulfur Hexafluoride
Hazard Class:	2.2
I.D. Number:	UN 1080
Labels:	Nonflammable Gas

Grade	Part No.	Purity	Impurity	Specification	Equipment Recommended
PurityPlus 5.0	SF6-50-XX	99.999%	Air Tetrafluoromethane Moisture	< 6 ppm < 2 ppm < 2 ppm	300 series brass regulator see page 4.10
PurityPlus 4.0	SF6-40-XX	99.99%	Air Tetrafluoromethane Moisture Oil Acidity (as HF)	< 50 ppm < 40 ppm < 5 ppm < 2 ppm < 0.3 ppm	300 series brass regulator see page 4.10
PurityPlus 3.0	SF6-30-XX	99.9%	Air Tetrafluoromethane Moisture Oil Acidity (as HF)	< 300 ppm < 300 ppm < 8 ppm < 5 ppm < 0.3 ppm	200 series brass regulator see page 4.6

XX - Complete the part number with the desired cylinder size listed below. (ie. SF6-50-200)

Standard Cylinder Sizes *	Contents lbs	Cylinder Pressure PSIG	CGA Valve Connection
200	115	320	590
80	35	320	590
30	10	320	590

*Nonstandard cylinder sizes available upon request