

Sulfur Hexafluoride

An inorganic, colorless, odorless, non-flammable, extremely potent greenhouse gas which is an excellent electrical insulator

TECHNICAL INFORMATION

Chemical Symbol	SF ₆
Molecular Weight	146.06
Specific Volume	2.5 ft ₃ /lb @ 70°F
CAS Registry Number	2551-62-4

SHIPPING INFORMATION

DOT Proper Name	Sulfur Hexafluoride
Hazard Class	2.2
ID Number	UN 1080
Labels	Nonflammable Gas

CYLINDER SIZES AVAILABLE

Std. Cylinder Sizes*	Contents	Cylinder Pressure (PSIG)	CGA Valve Connection
300	115lb/52.2kg	320/22	590
AL150	70lb/38.1kg	320/22	590

*Nonstandard cylinder sizes available upon request

Specifications Subject to Change Call to Confirm

Grade	Purity	Impurity	Specifications	Equipment Recommended
4.5 (Research)	99.995%			Research 3102 or 3402
3.0	99.9%	H ₂ O Air as Nitrogen Acidity (HF) CF ₄ Oil	<0.65ppm/w <400ppm/w <0.3ppm/w <400ppm/w <5pmm/w	3102 or 3402
2.8	99.8%	O ₂ +H ₂ H ₂ O CF ₄	<1500ppm <8ppm <350ppm	3102 or 3402

This information in no way replaces the Safety Data Sheets (SDS) for use and safety standards.
Please refer to the SDS for details.

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