



Product Specification

SULPHUR HEXAFLUORIDE (SF₆)

General Characteristics: A colorless, non-flammable and liquefied gas with odorless.

Health Hazards: A simple asphyxiant.

Gas Grade/Purity	Cylinder Size	Contents	Product Code
INSTRUMENTAL Min. Purity 99.99%	44 L	50 kg	SF64NR
	10 L	10 kg	SF64NG
	LB	227 g	SF64NLB
DIELECTRIC Min. Purity 99.8% (IEC 376)	44 L	50 kg	SF62N8R
	10 L	10 kg	SF62N8G
	LB	227 g	SF62N8LB

For VLSI grade 99.995% and ULSI grade 99.999%, please contact our sales department directly.

Cylinder Specification

Cylinder Size	Cylinder Dimension Diameter x Height	Connection	Content
44 L	23 cm x 130 cm approx.	CGA 590	Net content : 50 kg Pressure@70°F: 320 psig
10 L	18 cm x 60 cm approx.	CGA 590	Net content : 10 kg Pressure@70°F: 320 psig
LB	5 cm x 30 cm approx.	CGA 180	Net content : 227 g Pressure@70°F: 320 psig

Technical Information

Molecular Weight	146.05	Dot Name	Sulfur Hexafluoride
Specific Volume	2.5CF/lb	UN No.	UN1080
Fire Potential	Non - flammable	Dot Class	2.2
TLV-TWA	1000 ppm (ACGIH 1991-1992)	Dot Label.....	Non-flammable Gas
CGA Valve	590	Cas Registry	2551-62-4
LB	180	Cylinder Pressure @70°F.	320 psig