

PURE GASES

SULFUR HEXAFLUORIDE SF₆

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

Health Hazards: A simple asphyxiant.

GAS GRADE/PURITY SPEC.	CYLINDER SIZE	CONTENTS	EQUIPMENT RECOMMENDATIONS
INSTRUMENTAL Min. Purity 99.99%	044	50 kg	Single-stage high purity regulator, refer to page 140
	016	15.9 kg	
	010	10 kg	High purity lecture bottle regulator, refer to page 146
	LB	227 g	
DIELECTRIC Min. Purity 99.8% (IEC 376)	044	50 kg	
	016	15.9 kg	
	010	10 kg	

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

For ULSI (5N) and VLSI (4N5), see Electronic Gas section page 108.