

Sulfur Hexafluoride SF₆

Technical Data		Safety Data		Shipping Data	
Molecular Weight	146.05	Flammable Limits	Nonflammable	DOT Name	Sulfur Hexafluoride
Boiling Point	- 83° F	Toxicity	TLV 1000 ppm	Hazard Class	2.2
Specific Volume	2.5 cf/lb	Compatibility	Noncorrosive	ID No.	UN1080
Critical Temperature	114° F			DOT Label	Nonflammable Gas
Critical Pressure	545 psia			CAS. No.	2551-62-4

Instrument

Specifications: Min. purity 99.99%

Product Code	Cylinder Size	Contents lbs.	Pressure psig @ 70° F	Valve Outlet CGA	Recommended Pressure Regulator		
					Type	Series	Page
LW957	T	115	310	590	Single-stage	Model 600	121
LW95M	D	6	310	590			

Insulator/C.P.

Specifications: Min. purity 99.9%

Insulator/C.P. grade Sulfur Hexafluoride is specially purified to minimize moisture content. Each cylinder is analytically certified for worry-free use as a gaseous dielectric or insulator in high voltage transformers, circuit breakers and transmission lines. This product exceeds ASTM and IEC specifications for SF₆ to be used as an electrical insulating gas.

Product Code	Cylinder Size	Contents lbs.	Pressure psig @ 70° F	Valve Outlet CGA	Recommended Pressure Regulator		
					Type	Series	Page
LW955	K	115	310	590	Single-stage	Model 100	127
LW956	Q	38	310	590			
LW950	G	18	310	590			
LW95B	LB	0.5	310	180	Lecture Bottle	Model 400	133
EX099	ExCaliber™	0.5	310	180	ExCaliber™ Support Equipment 103		



Model 3-003-R002 SF6 Leak Detector. See page 206 for more details.