

Sulfur Hexafluoride (SF₆)

A colorless, odorless, nonflammable, non-reactive, nontoxic gas.

Purity Specifications	Minimum Purity	Air	Halocarbon-14	H ₂ O	Acidity
Electronic	99.999%	< 10	< 2	< 3	< 0.1 ppmw
Instrument	99.99%	< 75	< 25	< 5	< 0.1 ppmw
Chemically Pure (Dielectric Grade)	99.8%	< 500 ppmw	< 500 ppmw	< 8	< 0.3 ppmw

Concentrations given are ppm by volume unless otherwise specified.

PRODUCT	Ordering Information					Equipment Recommendations		
	Cylinder Size	Contents lbs	Standard Valve Outlet (CGA)	Product Number	Cylinder Pressure at 70°F (psig)	Description Product Number	Delivery Pressure Range (psig)	Page Number
Electronic	300	130	Diss #716	SH EL300 DS	298	Single-Stage Regulator Y11-C444 * 590	A = 0-25 B = 0-50 D = 0-100	E28
	200	115	590	SH EL200	298			
	150A	77	590	SH EL15A	298			
	80	35	590	SH EL80	298			
	35	17	590	SH EL35	298			
An individual certificate of analysis is available upon request at a nominal charge. Vapor Phase Analysis.						* Insert Delivery Pressure Range Code		
Instrument	300	130	590	SH I300	298	Single-Stage Regulator Y11-215 * 590	A = 0-25 B = 0-50 D = 0-100	E7
	200	115	590	SH I200	298			
	80	35	590	SH I80	298			
	35	17	590	SH I35	298			
	An individual or batch analysis is available upon request at a nominal charge. Certificate of Conformance provided upon request. Liquid Phase Analysis.							
Chemically Pure (Dielectric Grade)	Y	1,100	590	SH CPY	298	Single-Stage Regulator Y11-215 * 590	A = 0-25 B = 0-50 D = 0-100	E7
	300	130	590	SH CP300	298			
	200	115	590	SH CP200	298			
	80	35	590	SH CP 80	298			
	35	17	590	SH CP35	298			
Certificate of Conformance provided upon request. Dielectric Grade meets ASTM D2472 specifications. Liquid Phase Analysis.						* Insert Delivery Pressure Range Code		

Technical Data & Shipping Information	
Molecular Weight	146.1
Specific Volume	2.6 cf/lb @70° F
Flammability Limits in Air	Nonflammable
U.S. DOT Name	Sulfur Hexafluoride
ID Number	UN 1080
U.S. DOT Hazard Class	2.2
U.S. DOT Label	Nonflammable Gas
CAS Registry	2551-62-4

Airgas SF₆ Emission Reduction Program

Save on costs while you save the environment.

That's the win-win impact of the Airgas SF₆ Emission Reduction Program, recommended as part of the voluntary U.S. EPA initiative. As the national leader in SF₆ distribution, we're also the leader in best practices for cylinder management, used product recycling and environmental/safety training.

Specially designed for the utility industry, the Airgas SF₆ Emission Reduction Program saves you money in supply costs by lowering your consumption. Our team of experts will help you maximize cylinder utilization, minimize contamination, improve your EPA standings with more accurate reporting, and package the most efficient SF₆ solution for your operation.

Whether you want a total turnkey system or selective services, you'll find it with Airgas—including lower costs from lowered consumption. With Airgas expertise and products, electric power utilities get the best of all outcomes—including community goodwill.