

Silane (SiH₄)

- Other concentrations, balance gases, and cylinder sizes are available upon request.
- Concentrations > 2% in Argon, Helium, Nitrogen, and > 1% in Hydrogen are gravimetrically certified.

Silane in Argon			Silane in Helium		
Concentration	Cylinder Size	≈Contents ft ³	Concentration	Cylinder Size	≈Contents ft ³
5 ppm - ≤ 2%	200	229	5 ppm - ≤ 2%	200	196
	150A	154		150A	131
	80	80		80	68
Standard Valve outlet: CGA 350 Individual Certificate of Analysis or Certificate of Batch Analysis included.			Standard Valve outlet: CGA 350 Individual Certificate of Analysis or Certificate of Batch Analysis included.		
Silane in Hydrogen			Silane in Nitrogen		
Concentration	Cylinder Size	≈Contents ft ³	Concentration	Cylinder Size	≈Contents ft ³
5 ppm - ≤ 1%	200	197	5 ppm - ≤ 2%	200	216
	150A	132		150A	145
	80	68		80	75
Standard Valve outlet: CGA 350 Individual Certificate of Analysis or Certificate of Batch Analysis included.			Standard Valve outlet: CGA 350 Individual Certificate of Analysis or Certificate of Batch Analysis included.		

Technical Data & Shipping Information	
Cylinder Pressure	2000 psig
U.S. DOT Class:	
SiH ₄ in Ar, He, or N ₂	2.2
SiH ₄ in H ₂	2.1
U.S. DOT Label:	
SiH ₄ in Ar, He, or N ₂	Nonflammable Gas
SiH ₄ in H ₂	Flammable Gas
ID Number:	
SiH ₄ in Ar, He, or N ₂	UN1956
SiH ₄ in H ₂	UN1954

Equipment Recommendations are found on page 38

Airgas Quality Policy

The purpose of the Airgas Quality System is to continually improve our manufacturing and related processes to provide our customers with the highest product purity, consistency, and service.