

Methane

A colorless, odorless, flammable gas

TECHNICAL INFORMATION

Chemical Symbol	CH ₄
Molecular Weight	16.04
Specific Volume	23.7 ft ³ /lb (1.47 m ³ /kg)
CAS Registry Number	74-82-8

SHIPPING INFORMATION

DOT Proper Name	Methane, Compressed
Hazard Class	2.1
ID Number	UN 1971
Labels	Flammable Gas

CYLINDER SIZES AVAILABLE

Std. Cylinder Sizes*	Contents	Cylinder Pressure (PSIG)	CGA Valve Connection
300	356	2400	350
200	260	2000	350
80	88	2000	350

*Nonstandard cylinder sizes available upon request

Specifications Subject to Change Call to Confirm

Grade	Purity	Impurity	Specifications	Equipment Recommended
5.0 Research	99.999%	O ₂ H ₂ O N ₂ CO ₂ C ₂ H ₆ C ₂ H ₄ C ₃ H ₈ C ₃ H ₆ CO	<1ppm <1ppm <4ppm <3ppm <2ppm <1ppm <1ppm <1ppm <1ppm	3101-3201
3.7 Ultra High Purity	99.97%	O ₂ H ₂ O N ₂ CO+CO ₂ H ₂ C _n H _m	<15ppm <5ppm <100ppm <10ppm <10ppm <100ppm	3101-3201
2.0	99.0%	O ₂ H ₂ O N ₂ CO ₂	<50ppm <10ppm <2,000ppm <100ppm	3101-3201
1.3	93.0%			3101-3201

This information in no way replaces the Safety Data Sheets (SDS) for use and safety standards. Please refer to the SDS for details.

Middlesex Gases

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