



METHANE (CH₄) CGA-350

A colorless, odorless, flammable compressed gas at high pressure.

Toxicity: Simple asphyxiant.

Fire Potential: Flammable

Flammable Limits: 5-15%

Compatible Materials: Non-corrosive; most common structural materials can be used.

Molecular Weight: 16.04

Specific Volume at 70⁰F and 1 atm: 24.06 ft³/lb

DOT Hazard Class: Flammable Gas (2.1)

DOT Label: Flammable Gas

DOT ID No.: UN 1971

CAS No.: 74-82-8

*Batch Analysis or individual Certificate of Analysis Available at additional nominal charge.

METHANE, Ultra High Purity Grade 4.0

Minimum Purity 99.99%

Order Size	Product Code	Approximate Capacity	Approximate Pressure	Guaranteed Spec. (Molar ppm)
012	04156012S	15 Cu. ft	2000 P.S.I.	CO ₂ +N ₂ +O ₂ +C ₂ H ₆ +C ₃ H ₈ + H ₂ O < 100
300	04156300S	360 Cu. ft	2400 P.S.I.	

METHANE, C.P. GRADE 2.0

Minimum Purity 99%

Order Size	Product Code	Approximate Capacity	Approximate Pressure	Typical Impurities (Molar ppm)
012	04152012S	15 Cu. ft	2000 P.S.I.	Ethane < 0.05%
300	04152300S	360 Cu. ft	2400 P.S.I.	O ₂ < 500

METHANE, Technical Grade 1.7

Minimum Purity 98%

Order Size	Product Code	Approximate Capacity	Approximate Pressure	Typical Impurities (Molar ppm)
012	04148012S	15 Cu. ft	2000 P.S.I.	O ₂ < 1000
300	04148300S	360 Cu. ft.	2400 P.S.I.	

METHANE, Commercial Grade 1.3

Minimum Purity 93%

Order Size	Product Code	Approximate Capacity	Approximate Pressure	Typical Impurities (Molar ppm)
012	04144012S	15 Cu. ft	2000 P.S.I.	H ₂ O <100
244	04144244S	260 Cu. ft	2000 P.S.I.	
300	04144300S	360 Cu. ft.	2400 P.S.I.	

REGULATORS- BRASS DUAL STAGE

Product Code	Brand	Style	Delivery Pressure P.S.I.	Description
05390148C	Western	LM-	0-15 Low Flow	General Purpose
05390148C	Western	LMSS-	0-45, 0-100, 0-150	High Purity

RESEARCH GRADE AVAILIABLE ON REQUEST

To place an order, call 860-278-2376