



Ethylene

A colorless, flammable gas with a sweet odor

TECHNICAL INFORMATION

Chemical Symbol	C ₂ H ₄
Molecular Weight	28.05
Specific Volume	13.70 ft ³ /lb (0.86 m ³ /kg)
CAS Registry Number	74-85-1

SHIPPING INFORMATION

DOT Proper Name	Ethylene, Compressed
Hazard Class	2.1
ID Number	UN 1962
Labels	Flammable Gas

CYLINDER SIZES AVAILABLE

Std. Cylinder Sizes*	Contents	Cylinder Pressure (PSIG)	CGA Valve Connection
300	37lb	1600	350
250	30lb	1200	350
80	10lb	1200	350

*Nonstandard cylinder sizes available upon request

Specifications Subject to Change Call to Confirm

Grade	Purity	Impurity	Specifications	Equipment Recommended
4.0	99.99%	Total Impurities	<100ppm	3100
3.0 (Polymer Grade)	99.9%	Total Impurities	<0.1%	3101
2.5 (Chemically Pure)	99.5%	Total Impurities	<0.5%	3101

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

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