

# Ethylene

A colorless, flammable gas with a sweet odor

## TECHNICAL INFORMATION

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

## SHIPPING INFORMATION

<b>DOT Proper Name</b>	Ethylene, Compressed
<b>Hazard Class</b>	2.1
<b>ID Number</b>	UN 1962
<b>Labels</b>	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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