

# Acetylene

A colorful, highly flammable gas

## TECHNICAL INFORMATION

Chemical Symbol	C <sub>2</sub> H <sub>2</sub>
Molecular Weight	26.04
Specific Volume	14.7 ft <sup>3</sup> /lb (0.91 m <sup>3</sup> /kg)
CAS Registry Number	74-86-2

## SHIPPING INFORMATION

DOT Proper Name	Acetylene, dissolved
Hazard Class	2.1
ID Number	UN 1001
Labels	Flammable Gas

## CYLINDER SIZES AVAILABLE

Std. Cylinder Sizes*	Contents	Cylinder Pressure (PSIG)	CGA Valve Connection
380	330	250	510
140	130	250	510

\*Nonstandard cylinder sizes available upon request

## Specifications Subject to Change Call to Confirm

Grade	Purity	Impurity	Specifications	Equipment Recommended
Purified 2.6	99.6%	Oxygen plus CH <sub>4</sub> PH <sub>3</sub>	<4000ppm <20ppm	3101A

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 & Technologies, Inc.  
292 Second Street  
PO Box 490249  
Everett, MA 02149

(800) 649-6704 or (617) 387-5050  
www.MiddlesexGases.com  
Info@MiddlesexGases.com