

## Ethylene

A colorless, flammable gas with a sweet odor.

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

Shipping Information:	
DOT Proper Name:	Ethylene, Compressed
Hazard Class:	2.1
I.D. Number:	UN 1962
Labels:	Flammable Gas

Grade	Part No.	Purity	Impurity	Specification	Equipment Recommended
<b>PurityPlus 4.0</b>	ETH-40-XX	99.99%	Total Impurities	< 100 ppm	300 series brass regulator <a href="#">see page 4.12</a>
<b>PurityPlus 3.0 (Polymer Grade)</b>	ETH-30-XX	99.9%	Total Impurities	< 0.1%	200 series brass regulator <a href="#">see page 4.8</a>
<b>PurityPlus 2.5 (Chemically Pure)</b>	ETH-25-XX	99.5%	Total Impurities	< 0.5%	200 series brass regulator <a href="#">see page 4.8</a>

XX - Complete the part number with the desired cylinder size listed below. (ie. ETH-40-300)

Standard Cylinder Sizes *	Contents lbs	Cylinder Pressure PSIG	CGA Valve Connection
300	37	1600	350
200	30	1200	350
80	10	1200	350

\*Nonstandard cylinder sizes available upon request