

GAS INNOVATIONS

Specialty Gases

ETHYLENE C.P. GRADE

TECHNICAL INFORMATION

ETHYLENE

C.P. PURITY

Shipping Name:	Ethylene	Formula:	C ₂ H ₄
Hazard Class:	2.1	Molecular Weight:	28.5
UN No:	1962	CAS No. :	74-85-1
Label:	Flammable gas		

General Description: A flammable, colorless gas, with a slightly sweet odor.

GUARANTEED SPECS:

99.5 % +
Sum of all impurities
be < 0.50 %
Sulfur < 1 PPM
Water < 10 PPM

TYPICAL SPECS:

Ethylene	99.5 % +
Acetylene	< 5 PPM
Carbon Dioxide	< 5 PPM
Carbon Monoxide	< 5 PPM
Ethane	< 1000 PPM
Methane	< 100 PPM
Nitrogen	< 3,500 PPM
Sulfur	< 1 PPM
Water	< 5 PPM

CYLINDER INFORMATION

CYL. SIZE	CYL. CONNECTION (CGA)	NET CONTENTS LBS.
200/44	350	30
300/49	350	35