

A colorless, flammable gas shipped as a liquid under its own vapor pressure.

1-Butene

Technical Information:	
Chemical Symbol:	C ₄ H ₈
Molecular Weight:	56.11
Specific Volume	6.55 ft ³ /lb (0.409 m ³ /kg)
CAS Registry Number:	106-98-9

Shipping Information:	
DOT Proper Name:	Liquid Petroleum Gas (Butene)
Hazard Class:	2.1
I.D. Number:	UN 1012
Labels:	Flammable Gas

Grade	Part No.	Purity	Impurity	Specification	Equipment Recommended
PurityPlus 4.0 (Polymer Grade)	1BE-40-XX	> 99.99 % Liquid Phase	Water Total Sulfur Total Impurities: 1,3 Butadiene, Methane, Ethane, trans-2-Butene, cis-2-Butene, Propane, Other C-4's, Water, Sulfur	< 5 ppm < 0.5 ppm < 100 ppm	3700 HP series LP gas regulator
PurityPlus 3.0 (Research)	1BE-30-XX	> 99.9 % Liquid Phase	Total Impurities	< 1000 ppm	
PurityPlus 2.5 (Instrument)	1BE-25-XX	> 99.5 % Gas Phase	Total Impurities	< 0.5 %	
PurityPlus 2.0 (Chemically Pure)	1BE-20-XX	> 99.0 % Liquid Phase	Total Impurities	< 1 %	

XX - Complete the part number with the desired cylinder size listed below. (ie. 1BE-20-454)

Standard Cylinder Sizes *	Contents lbs.	Cylinder Pressure	CGA Valve Connection
454	540	23	510
350	128	23	510
80	17	23	510
LB	0.375	23	170

*Nonstandard cylinder sizes available upon request