



# ACETYLENE

## 2 COMPONENT MIXTURES

ACETYLENE BALANCE NITROGEN					
Concentration	Cylinder Size	Volume (ft <sup>3</sup> )	CGA	Mixture Grades Available	Equipment Recommended
1 - 9,999 ppm	DA	143	350	Primary Standard Certified Standard Uncertified	400 Series regulator
	QA	82			
	GA	31			
	K	209			
	Q	70			
	G	35			
≥ 1% Please Inquire					
D.O.T. Proper Shipping Name:		Compressed gas, n.o.s., (Nitrogen, Acetylene)			
I.D. Number:		UN1956			
Hazard Class:		2.2			
Shipping Labels:		Nonflammable Gas			

\*Cylinder pressure and volume varies proportionately at higher concentrations.

A certification will be provided upon request for a nominal fee, except for uncertified mixtures.

TECHNICAL INFORMATION	
High Pressure Cylinder:	2000 psig @ 70° Fahrenheit

### BUILD MIXTURE PART NUMBER:

To build your part number start with the Balance gas, next enter your Minor component followed by the minor component concentration. Then select the mixture grade and finally the cylinder size you need. For example, take a Primary Standard grade of 5 ppm Acetylene balance Nitrogen in a size DA cylinder. From the table below we can follow the tables to come up with NI AC5MPDA.

Balance Gas (A B)		Minor Comp Code (C D E)		Minor Component Concentration ([E] F G H I)		Mixture Grade (J)		Cylinder Size (K L)
Balance Gas	Code	Minor Gas	Code	Concentration	Code	Grade	Code	Code
Nitrogen	NI	Acetylene	AC	5 PPM to 99 PPM	5M – 99M	Primary Standard	P	DA
				100 PPM to 999 PPM	100 – 999	Certified Standard	C	QA
				1,000 PPM to 9,999 PPM	1000 – 9999	Uncertified	U	GA
				1% to 10%	1 – 10			
NI		AC		5M		P		DA