

## Methane

A colorless, odorless, tasteless, flammable gas.

Technical Information:	
Chemical Symbol:	CH <sub>4</sub>
Molecular Weight:	16.04
Specific Volume	23.7 ft <sup>3</sup> /lb (1.47 m <sup>3</sup> /kg)
CAS Registry Number:	74-82-8

Shipping Information:	
DOT Proper Name:	Methane, Compressed
Hazard Class:	2.1
I.D. Number:	UN 1971
Labels:	Flammable Gas

Grade	Part No.	Purity	Impurity	Specification	Equipment Recommended
<b>PurityPlus 5.0 (Research)</b>	MET-50-XX	> 99.999%	Total Impurities	< 10 ppm	300 series brass regulator see page 4.12
<b>PurityPlus 4.0 (Ultra High Purity)</b>	MET-40-XX	> 99.99%	Total Impurities	< 100 ppm	300 series brass regulator see page 4.12
<b>PurityPlus 2.0 (Chemically Pure)</b>	MET-20-XX	> 99%	Total Impurities	< 1.0%	200 series regulator see page 4.8
<b>PurityPlus 1.3 (Commercial)</b>	MET-13-XX	> 93%	Total Impurities	< 7.0 %	200 series regulator see page 4.8

XX - Complete the part number with the desired cylinder size listed below. (ie. MET-50-300)

Standard Cylinder Sizes *	Contents ft <sup>3</sup> /m <sup>3</sup>	Cylinder Pressure PSIG	CGA Valve Connection
300	356	2400	350
200	260	2000	350
80	88	2000	350

\*Nonstandard cylinder sizes available upon request