



Carbon Monoxide (CO)

Specifications

	GRADE 2.5	GRADE 3	GRADE 4	GRADE 4.7	GRADE 5
Purity	99.5%	99.9%	99.99%	99.997%	99.999%
Nitrogen	< 4,500 ppmv	< 900 ppmv	< 80 ppmv	< 20 ppmv	< 5 ppmv
Oxygen	< 10 ppmv	< 10 ppmv	< 5 ppmv	< 3 ppmv	< 2 ppmv
Carbon Dioxide	< 100 ppmv	< 50 ppmv	< 10 ppmv	< 5 ppmv	< 2 ppmv
Methane	< 100 ppmv	< 50 ppmv	< 10 ppmv	< 5 ppmv	< 2 ppmv
Moisture	< 5 ppmv	< 5 ppmv	< 4 ppmv	< 3 ppmv	< 2 ppmv
Total Impurities	< 5,000 ppmv	< 1,000 ppmv	< 100 ppmv	< 30 ppmv	< 10 ppmv

Note: Moisture level guaranteed only when EFC Gases & Advanced Materials prepares the cylinders. All concentrations are on a mol/mol basis unless otherwise stated.

Cylinder Sizes

SIZE	FILL VOLUME (CU. FT)
46L/265AL	254
29L/150AL	144

Technical Data

Molecular Weight: 28.01 g/mol
Specific Volume: 13.8 cu.ft./lb
Flammability Limits: 12.5 - 74.0% in Air
Valve Outlet: CGA 350 LB CGA 170

Shipping Information

DOT Name: Carbon Monoxide,
Compressed
Hazard Class: 2.3
DOT Number: UN 1016
DOT Label: Inhalation Hazard &
Flammable Gas
CAS Number: 630-08-0