



Nitric Oxide (NO)

Specifications

	GRADE 2.5	GRADE 3	GRADE 3.5	GRADE 4
Purity	99.5%	99.9%	99.95%	99.99%
Oxygen				< 1 ppmv
Nitrogen	< 3,000 ppmv	< 500 ppmv	< 100 ppmv	< 30 ppmv
Carbon Dioxide	< 1,000 ppmv	< 100 ppmv	< 50 ppmv	< 1 ppmv
THC (CH ₄)				< 1 ppmv
Moisture	< 20 ppmv	< 5 ppmv	< 2 ppmv	< 1 ppmv
Hydrogen				< 1 ppmv
Nitrous Oxide	< 1,000 ppmv	< 500 ppmv	< 50 ppmv	< 30 ppmv
Nitrogen Dioxide		< 100 ppmv	< 100 ppmv	< 30 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 WEIGHT (CU. FT)
44L/Size 200	56

Technical Data

Molecular Weight: 30.01g/mol
 Specific Volume: 12.8 cu.ft/lb
 Pressure @ 70° F: 500 psig
 Valve Outlet: CGA 660 LB CGA 728

Shipping Information

DOT Name: Nitric Oxide Compressed
 Hazard Class: 2.3
 DOT Number: UN 1660
 DOT Label: Inhalation Hazard, Oxidizer,
 Corrosive Gas
 CAS Number: 10102-43-9