



Chlorine (Cl₂)

Specifications

	GRADE 4	GRADE 5	GRADE 5.5
Purity	99.99%	99.999%	99.9995%
Oxygen	< 50 ppmv	< 1 ppmv	< 1 ppmv
Nitrogen	< 50 ppmv	< 2 ppmv	< 2 ppmv
Carbon Dioxide	< 30 ppmv	< 4 ppmv	< 3 ppmv
Carbon Monoxide	< 5 ppmv	< 0.5 ppmv	< 0.5 ppmv
Methane	< 1 ppmv	< 0.1 ppmv	< 0.1 ppmv
Water			< 1 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 (LB)
1 Ton	1,100
44L/Size 200	110

Technical Data

Molecular Weight: 71.91 g/mol
Specific Volume: 5.4 cu.ft./lb
Pressure @ 70°F: 85.3 psig
Valve Outlet: CGA 660 DISS 728

Shipping Information

DOT Name: Chlorine
Hazard Class: 2.3
DOT Number: UN 1017
DOT Label: Inhalation Hazard/
Corrosive Gas
CAS Number: 7782-50-5