

Marking

Characterization acc. ADR

UN 1956 COMPRESSED GAS, N.O.S. (NITROGEN, CARBON MONOXIDE), 2.2, (E)

Cylinder Marking



Shoulder color: bright green

Essential properties

compressed gas, lighter than air, colorless, odorless, toxic to reproduction, organ-damaging

Symbols of risks



For additional safety information see safety data sheet *-CO-CO2-HE-N2-01

Valves / Manifolds

Valve connection

acc. to national regulations

Recommended Manifolds

Spectrolab FM 51 / FM 52 exact



Specification / receptacles		Lasline Mi 8.60	
Composition			
He	=	28	Vol.-%
CO ₂	=	8	Vol.-%
CO	=	4	Vol.-%
N ₂	=	60	Vol.-%
Impurities			
HC	≤	1	ppmv
H ₂ O	≤	5	ppmv
Cylinder / Contents			
F 50 150 bar		7.1	m ³
F 50 200 bar		9.4	m ³

Remarks

Resonator gas mixtur for CO₂-lasers from Mitsubishi Laser Corporation, USA.

Production tolerances: CO, CO₂ +/- 2% rel, N₂ +/- 2% rel

Contents in m³ at 15°C, 1 bar