

Marking

Characterization acc. ADR

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

Essential properties

compressed gas, lighter than air, colorless, odorless

Cylinder Marking



Shoulder color: bright green

Symbols of risks



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

Valves / Manifolds

Valve connection

acc. to national regulations

Recommended Manifolds

Spectrolab FM 51 / FM 52 exact



Specification / receptacles			
		Lasline Standard	
Composition			
He	=	82	Vol.-%
CO ₂	=	4.5	Vol.-%
N ₂	=	13.5	Vol.-%
Impurities			
HC	≤	1	ppmv
H ₂ O	≤	5	ppmv
Cylinder / Contents			
F 50 200 bar		9.1	m ³

Remarks

Resonator gas mixture for different CO₂-lasers.

Production tolerances: CO₂ +/- 10% rel, N₂ +/- 5% rel

Contents in m³ at 15°C, 1 bar