

## Marking

Characterization acc. ADR

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

Cylinder Marking



Shoulder color: bright green

## Essential properties

compressed gas, lighter than air, colorless, odorless

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 Fa 5.35 | Lasline Fa 5.55 |                |
| <b>Composition</b>          |   |                 |                 |                |
| He                          | = | 60              | 40              | Vol.-%         |
| CO <sub>2</sub>             | = | 5               | 5               | Vol.-%         |
| N <sub>2</sub>              | = | 35              | 55              | Vol.-%         |
| <b>Impurities</b>           |   |                 |                 |                |
| HC                          | ≤ | 1               | 1               | ppmv           |
| H <sub>2</sub> O            | ≤ | 5               | 5               | ppmv           |
| <b>Cylinder / Contents</b>  |   |                 |                 |                |
| F 50 200 bar                |   | 9.1             | 9.1             | m <sup>3</sup> |

## Remarks

Resonator gas mixtures for operation of CO<sub>2</sub>-lasers from GE Fanuc.

Production tolerance: CO<sub>2</sub> +/- 2% rel, N<sub>2</sub> +/- 2% rel

Contents in m<sup>3</sup> at 15°C, 1 bar