

**Marking**

**Characterization acc. ADR** UN 1954, gas mixture, flammable, compressed, n.o.s., 2.1 Class 2, 2F

**Cylinder Marking**

shoulder:  
red

**Essential properties**

Colourless, odorless, asphyxiant, highly flammable gas mixture, compressed, lighter than air.

**Symbols of Risks**

extremely flammable



gas, compressed

For additional safety information see Material-/safety data sheet No. \*-H2-HE-01

**Valves / Manifolds****Valve connection**

acc. to national standards

**Recommended Manifolds**

Spectrolab FM 51, FM 52exact  
Spectrocem FE 51, FE 52exact

**Specifications / Forms of delivery**

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<b>Composition</b>			
He	=	60	Vol. %
H <sub>2</sub>	=	40	Vol. %
<b>Impurities</b>			
O <sub>2</sub>	<	5	ppmv
N <sub>2</sub>	<	20	ppmv
H <sub>2</sub> O	<	10	ppmv
HC C <sub>1</sub> to C <sub>3</sub>	<	1	ppmv
CO + CO <sub>2</sub>	<	0,5	ppmv
<b>Cylinders / Contents</b>			
F 50 200 bar		9,1	m <sup>3</sup>
Bdl 12 * F 50 200 bar		108,6	m <sup>3</sup>

**Tolerance** +/- 5 % rel.

**Remarks**

Fuel gas for flame ionisation detectors (FID), especially in automotive industries