

**Marking**

<b>CAS-Number</b>	74-84-0
<b>Characterization acc. ADR</b>	UN 1035, Ethane, 2.1 Classe 2, 2F

**Cylinder Marking**

shoulder:  
red

**Essential properties**

Colourless, odorless, narcotic, flammable gas, liquified, lighter than air

**Symbols of Risks**

flammable



gas, compressed

**Physical Properties**

molecular weight:	30,069 kg/kmol
gas density at 0°C and 1,013 bar:	1,3551 kg/m <sup>3</sup>
density ratio to air:	1,0481
vapour pressure at 20°C:	37,64 bar

For additional safety information see Material-/safety data sheet No. \*-C2H6-051A

**Valves / Manifolds**

<b>Valve connection</b>	acc. to national standards
<b>Recommended Manifolds</b>	Spectrolab control valve PN 40 Spectrolab FM 51 / FM 52exact



Specifications / Cylinders				
		2.5	3.5	
<b>Composition</b>				
C <sub>2</sub> H <sub>6</sub>	>	99,5	99,95	Vol.-%
<b>Impurities</b>				
O <sub>2</sub>	<	25	10	ppmv
N <sub>2</sub>	<	100	40	ppmv
CO <sub>2</sub>	<	-	5	ppmv
H <sub>2</sub> O	<	-	5	ppmv
other HC	<	4000	400	ppmv
<b>Cylinders / Contents</b>				
F 10		3,0	3,0	kg
F 50		15,0	15,0	kg