

Forming gas H10, H20

N₂ / H₂

DIN EN ISO 14175: N5-NH-10 / N5-NH-20

Marking

Characterization acc. ADR

UN 1954 COMPRESSED GAS,
FLAMMABLE, N.O.S.
(HYDROGEN, NITROGEN), 2.1,
(B/D)

Essential properties

compressed gas, lighter than air, colorless, odorless, flammable

Cylinder Marking



Shoulder color: red

Symbols of risks



For additional safety information see safety data sheet -H2-N2-02

Valves / Manifolds

Valve connection

200 bar: acc. to national regulations
300 bar: ISO 5145 No. 4: W 30 x 2 LH



Recommended Manifolds

Spectrotec

Specification / receptacles				
		Forming gas H10	Forming gas H20	
Composition				
N ₂	=	90	80	Vol.-%
H ₂	=	10	20	Vol.-%
Cylinder / Contents				
B 50 200 bar		9.4	9.3	m ³
F 20 200 bar		3.8	3.7	m ³
F 50 300 bar		13.0	12.9	m ³
F 50*12 200 bar		113.2	111.8	m ³
F 50*12 300 bar		155.6	154.5	m ³