

Forming gas H8, H12, H15

N₂ / H₂

DIN EN ISO 14175: N5-NH-8 / N5-NH-12 / N5-NH-15

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

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: according to national regulation
300 bar: ISO 5145 No. 4: W 30 x 2 LH



Recommended Manifolds

Spectrotec Constant 2000

Specification / receptacles					
		Forming gas H8	Forming gas H12	Forming gas H15	
Composition					
N ₂	=	92	88	85	Vol.-%
H ₂	=	8	12	15	Vol.-%
Cylinder / Contents					
F 50 200 bar		9.5	9.4	9.4	m ³
F 50 300 bar		13.0	13.0	12.9	m ³
F 50*12 200 bar		113.5	112.9	112.5	m ³
F 50*12 300 bar		155.9	155.4	155.0	m ³

Remarks

Contents in m³ at 15°C, 1 bar