Backing gas 95/5

Chemical name	Nitrogen / Hydrogen		
Formula	N_2 / H_2		
Composition	N_2	95	vol %
	H_2	5	vol %
Impurity	H_2O	< 40	ppm
	O_2	< 40	ppm
Tolerance	According to NEN-EN-ISO 14175		

Packaging

V_{cyl} (l)	V_{gas} (m^3) *	P_{fill} (bar)	Article code
10	1.9	200	2350110
50	9.6	200	2350150
800	153	200	2350580

* m^3 at 15 °C and 1 bar

Colour according to standard	NEN-EN 1089-3	
Shoulder	Yellow green RAL 6018	
Cylindrical part	Yellow green RAL 6018	
Connection	NEN 3268	LU 1

Physical properties

Molecular weight (kg/kmol)	26.71
Density gas (kg/m3 at 1,013 bar and 0 °C)	1.192
Relative density (air = 1)	0.922

Additional information	Material Safety Data Sheet	SDS available on www.linde-gas.nl
	Product description	Colourless and odourless compressed gas mixture

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Applications	Protection of the backside of the weld, for instance welding of stainless steel

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