



Product sheet Laser gas II

Product name	Laser gas II
Physical state	gaseous, compressed
Properties	see safety data sheet
Shoulder color	yellow green (RAL 6018)

Components	
Helium	40,0 vol.%
Nitrogen	55,0 vol.%
Carbon dioxide	5,0 vol.%

Minor components	Maximum values
Hydrocarbons	1,0 vol. ppm
Moisture	5,0 vol. ppm

Name	Material number	Bottle type	Bottle container volume	Vapour/filling pressure	Content	Valve	Properties
Laser gas II T50 RCyl	S03810150	steel	50,0 l	200,0 bar	10,0 m ³	DIN 477 No. 6 (W 21,80 x 1/14 LH)	

Unless otherwise stated, these refer to filling pressure at 288,15K (15°C) and to content at 288,15K (15°C) and 1,013 bar.

Typical applications
<ul style="list-style-type: none">■ used in welding and cutting as well as in soldering, drilling, hardening, alloying and other forms of material processing■ in surgery■ in science and research■ as a laser resonator gas

All mentioned data, values and notes correspond to actual state of knowledge on the date of printing. They make no claim to be correct or complete and therefore do not release the user from his obligation to check them.

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