



Westfalen

Product sheet Compressed air for breathing apparatus

Product name	Compressed air for breathing apparatus
Physical state	gaseous, compressed
Chemical designation	not allocated to any substance
Standard	DIN EN 12021
Properties	see safety data sheet
Shoulder color	pure white (RAL 9010) with jet black (RAL 9005) ring

Name	Material number	Bottle type	Bottle container volume	Vapour/filling pressure	Content	Valve	Properties
Compr. air f. breath. app. T02 RCyl nCSnC	A0042010252	steel	2,0 l	200,0 bar	0,6 m ³	DIN 477 Nr. 13 G 5/8 internal thread	
Compr. air f. breath. app. T03 RCyl nCSnC	A0042010352	steel	3,0 l	200,0 bar	0,723 m ³	DIN 477 Nr. 13 G 5/8 internal thread	
Comp. air f. breath. appar. T10 RCyl	A00420110	steel	10,0 l	200,0 bar	2,0 m ³	DIN 477 Nr. 13 G 5/8 internal thread	
Comp. air f. breath. appar. T50 RCyl	A00420150	steel	50,0 l	200,0 bar	9,8 m ³	DIN 477 Nr. 13 G 5/8 internal thread	
Comp. air f. breath. app. RBdl 12	A00420312	steel	600,0 l	200,0 bar	117,6 m ³	DIN 477 Nr. 13 G 5/8 internal thread	

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

- as a breathing gas



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Physical data

compressed air is simply air under pressure. The primary components are nitrogen – chemical symbol N_2

oxygen – chemical symbol O_2

and argon

chemical symbol Ar. Neon

krypton

and helium amongst others are found in trace quantities. For physical data of the components please refer to the product data sheet for the corresponding pure 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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