



Westfalen

Product sheet Corpadur® C endo

Product name	Corpadur® C endo
Physical state	liquefied under pressure
Chemical sign	CO ₂
Chemical designation	Carbon dioxide
Standard	is not subject to any standard
Properties	see safety data sheet
Shoulder color	dusty grey (RAL 7037)

Name	Material number	Bottle type	Bottle container volume	Vapour/filling pressure	Content	Valve	Properties
Corpadur® C endo T01 0,75 kg	A0111010152	steel	1,0 l	50,9 bar	0,75 kg	DIN 477 No. 6 (21,8 x 1/14 right) with rupt	
Corpadur® C endo T02 1,5 kg	A0111010252	steel	2,0 l	50,9 bar	1,5 kg	DIN 477 No. 6 (21,8 x 1/14 right) with rupt	
Corpadur® C endo T03 2,0 kg	A0111010352	steel	3,0 l	50,9 bar	2,0 kg	DIN 477 No. 6 (21,8 x 1/14 right) with rupt	
Corpadur® C endo T08 long 6,0 kg	A011101086	steel	8,0 l	50,9 bar	6,0 kg	DIN 477 No. 6 (21,8 x 1/14 right) with rupt	long form
Corpadur® C endo T10 long 7,5 kg	A011101106	steel	10,0 l	50,9 bar	7,5 kg	DIN 477 No. 6 (21,8 x 1/14 right) with rupt	long form
Corpadur® C endo T13 10,0 kg	A01110113	steel	13,0 l	50,9 bar	10,0 kg	DIN 477 No. 6 (21,8 x 1/14 right) with rupt	
Corpadur® C endo T13 long 10,0 kg	A011101136	steel	13,0 l	50,9 bar	10,0 kg	DIN 477 No. 6 (21,8 x 1/14 right) with rupt	long form



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Name	Material number	Bottle type	Bottle container volume	Vapour/filling pressure	Content	Valve	Properties
Corpadur® C endo T50 37,5 kg	A01110150	steel	50,0 l	50,9 bar	37,5 kg	DIN 477 No. 6 (21,8 x 1/14 right) with rupt	

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

Typical applications

- according to the instructions for use

Physical data

operating figures	Molar mass	44,01 g mol ⁻¹
Sublimation Point	Heat of sublimation	571,08 kJ kg ⁻¹
	Sublimation temperature	194,65 (-78,5) K (°C)
	Density	1562 kg m ⁻³
Gas State	Thermal Conductivity (at 288.15 K and 1.013 bar)	0,0157 kg m ⁻³
	Density Ratio to Air (at 288.15 K and 1.013 bar)	1,53
	Specific heat (at 298.15 K and 1.013 bar)	0,83 kg m ⁻³
	Density (at 273.15 K and 1.013 bar)	1,98 kg m ⁻³
Critical Point	Temperature	304,21 (31,1) K (°C)
	density	464 kg m ⁻³
	Pressure	73,83 bar
Triple Point	Temperature	216,6 (-56,6) K (°C)
	Vapour Pressure	5,185 bar
	Heat of Fusion	196,7 kJ kg ⁻¹

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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