

TECHNICAL GASES

Carbon dioxide

ISO 14175 – C1

Technical characteristics:			Safety labeling:		
Trade name: CARBON DIOXIDE			 Caution, H280		
UN 1013 CARBON DIOXIDE, Class 2, hazard symbols 2.2					
EC No.: 204-696-9					
CAS No.: 124-38-9					
Identification No.: not applicable					
REACH Registration No.: not registered					
Main gas properties:					
Colorless, odorless, toxic at high concentrations, can cause severe frostbite					
Regulator connections:					
G 3/4" – G3/8" x 6 mm (DIN 477 No.9) or					
W 21.8 x 1/14" – G3/8" x 6 mm (DIN 477 No.6)					
Recommended regulator:			Recommended regulator:		
Primary pressure gauge:			 KAYSER (EN ISO 2503) 200 bar / 30 l/min		
- Scale: (0 to 315) bar - Maximum working pressure shown on scale: 200 bar					
Secondary pressure gauge:					
- Scale: (0 to 30) l/min - Maximum working medium limit on the scale: 23 l/min					
Gas cylinder specifications:			Cylinder marking:		
			Grey-colored cylinder and/or grey-colored cylinders in bundle 		
Composition:		Volume fraction			Units
CO ₂	>	99,9			%
Impurities:					
H ₂ O	<	20			ppm
Other impurities	<	0,1			%
Cylinder types:					
13,4 l cylinders		10			kg
20 l cylinders		14,4			kg
40 l cylinders		29			kg
50 l cylinders		37			kg
12 x 50 L cylinder bundles		444			kg
Eurocylinders		230			l

For more information, please download [the safety data sheet](#).