

Argon/Co2 M-50 with Cylinder

Item No.: 211211319

Product information

There are two different ways to calculate the gas capacity of a cylinder. A simple but less accurate method is multiplying the water capacity of the cylinder (in liters) with the actual pressure (in bar); the result is the capacity in liters. The other method, which is more complex but more accurate, will take the compressibility of the gas at both 1 bar and at the actual pressure in consideration and all based on 15 degrees C. The result is often quoted as normal litres or normal cubic metres (nm³). For argon the more accurate method will give a slightly higher value as compared to the simple method i.e. (10.9 m³ versus 10 nm³).



Features

- Argon-CO₂ mix is a colourless and odourless gas
- Argon-CO₂ mix is slightly heavier than air and is an inert gas
- Argon-CO₂ mix is non-combustible
- It's used as a shielding gas for welding, primarily to protect the molten pool against contaminants in the atmosphere
- 80% Argon/20% CO₂ mix is suitable for welding all un/low alloyed carbon steels
- Argon/Co₂ gives a very stable molten pool together with optimum energy transmission

Benefits

- Suitable for MAG welding applications where an active shielding gas is required typically for low-alloy steels.
- For your safety, the product is delivered in standard marine type exchange cylinder complete with a unique cylinder serial number.
- We offer global availability through our Global Exchange Programme.

Specification

General:	Cylinder Type	M-50
	Invent Hazard Material (IMO/EU) classification	NA

Physical Properties:	Colour	Grey with yellow Shoulder	Performance Data:	Gas Capacity (m ³)	10.9
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Dimensions /Weight:	Connection (size/type)	W24.32 MM X1/14*	Technical Data:	Connection (inch)	W24.32mm x 1/14" RH Ext side
	Diameter (mm)	230		Filling pressure (bar)	200
	Gross Weight (kg)	98		Function	WELDING
	Height(mm)	1690		Purity	20 +/- 2% CO ₂
	Weight (kg)	17.1 Net		Volume (l)	50