

ARGON E-50 FILLING

Product group: **715** Product number: **905174**

Argon is used as shielding/backing gas for electrical welding.



Product information

This product supersedes product no: **905032**

The gas capacity of a cylinder can be calculated in two different ways. The most simple method is the water capacity of the cylinder (in litres) multiplied by the actual pressure (in bar); the result is the capacity in litres. Although a simple method it is not the most accurate method. A better but much more complex method will give a more accurate value for the gas capacity; it 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. (11 m³ versus 10 nm³).

Features

- Argon is a colourless and odourless gas
- Argon is slightly heavier than air and is an inert gas
- It is non-toxic and non-combustible
- It is used as a shielding gas for welding, primarily to protect the molten pool against contaminants in the atmosphere

Benefits

- Suitable for MIG and TIG welding applications like welding of stainless steel.
- For your safety, the product is delivered in a Unitor exchange cylinder complete with barcode and unique cylinder serial number.
- We trace and track all cylinders using our system to give you peace of mind.
- We offer global availability through our Global Exchange Programme.

Specification

General

Cylinder Type	E-50
Invent Hazard Material (IMO/EU) classification	NA

Physical properties

Colour	grey
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Dimensions/Weight

Connection [Size/ Type]	W24.32 MM X 1/14"
Diameter [mm]	230
Gross Weight [kg]	99
Height [mm]	1690
Weight [kg]	18 Net

Technical data

Connection [inch]	W24.32mm x 1/14" RH Ext side
Filling pressure [bar]	200bar
Function	WELDING
Purity	4.0 > 99.99%
Volume (l)	50

Performance data

Gas Capacity [m ³]	11.0
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Documents

[SDoC and MD for IHM](#)

Related products

Accessories

- 510002** REGULATOR 510 N2 PRESSURE 0-10 BAR
- 510010** REGULATOR 510 AR/CO2 FLOW 0-35L/MIN
- 778147** TROLLEY F/1 40-50L GAS CYLINDER

Is accessory to

- 500500** UWI-500TP WELDING INVERTER

Is frequently bought together with

- 905034** OXYGEN O-40 FILLING
- 905067** ACETYLENE A-5 FILLING
- 905026** ACETYLENE A-40 FILLING
- 905565** ARGON E-10 FILLING
- 905075** OXYGEN O-5 FILLING

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