



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

- For your safety, the product is delivered in a Unitor cylinder complete with barcode and unique cylinder serial number
- We trace and track all cylinders using the UniTrak system to give you peace of mind

Specification

General

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

Physical properties

Colour	grey
--------	------

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]	18
--------------------------------	----

Documents

[Supplier's declaration of Conformity \(SDoC\)](#)

Related products

Accessories

510010 REGULATOR 510 AR/CO2 FLOW 0-35L/MIN

778147 TROLLEY F/1 40-50L GAS CYLINDER

510002 REGULATOR 510 N2 PRESSURE 0-10 BAR

Is accessory to

500500 UWI-500TP WELDING INVERTER

Is frequently bought together with

905034 OXYGEN O-40 FILLING

905067 ACETYLENE A-5 FILLING

905565 ARGON E-10 FILLING

905026 ACETYLENE A-40 FILLING

905075 OXYGEN O-5 FILLING

This page is printed from:

<https://www.wilhelmsen.com/product-catalogue/products/gases-refrigerants-and-cylinders/gases/argon/argon-e-50-filling/>