

Product group: 715      Product number: 905681

Unimix 10 is an Argon-CO2 gas mix with 10% CO2 in Argon used as a shielding gas in wire welding processes (MIG / MAG). This product is delivered in a Unitor cylinder as part of WSS global cylinder exchange program.



Product information

An Argon-CO2 mixture of 10% Carbon Dioxide, 90% Argon. This product is delivered in a 50 litre cylinder. Argon-CO2 mixtures are normally used as a shielding gas in arc welding processes.

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 wire welding, primarily to protect the molten pool against contaminants in the atmosphere
- 90% Argon/10% CO2 mix is suitable for welding all un/low alloyed carbon steels and stainless steel in certain applications
- Unimix gives a very stable molten pool together with optimum energy transmission and spray transfer mode

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 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                                  | M-50 |
| Invent Hazard Material (IMO/EU) classification | NA   |

Physical properties

|        |                           |
|--------|---------------------------|
| Colour | Grey with yellow shoulder |
|--------|---------------------------|

Dimensions/Weight

|                         |                   |
|-------------------------|-------------------|
| Connection [Size/ Type] | W24.32 MM X 1/14" |
| Diameter [mm]           | 230               |
| Gross Weight [kg]       | 98                |
| Height [mm]             | 1690              |
| Weight [kg]             | 17.1              |

Technical data

|                        |                         |
|------------------------|-------------------------|
| Connection [inch]      | W24.32mm x 1/14" RH Ext |
| Filling pressure [bar] | up to 200bar            |
| Function               | WELDING SHIELDING GAS   |
| Purity                 | 10% +/- 2% CO2          |
| Volume (l)             | 50                      |

Performance data

|                   |      |
|-------------------|------|
| Gas Capacity [m³] | 10.9 |
|-------------------|------|

Documents

[IHM - MD and SDoC](#)

[SDoC and MD for IHM](#)

Related products

Accessories

510010  
REGULATOR 510 AR/CO2 FLOW 0-35L/MIN  
778147  
TROLLEY F/1 40-50L GAS CYLINDER

Is frequently bought together with

905034  
OXYGEN O-40 FILLING  
905174  
ARGON E-50 FILLING  
905067  
ACETYLENE A-5 FILLING  
905026  
ACETYLENE A-40 FILLING  
905565  
ARGON E-10 FILLING

