Wilhelmsen Ships Service

Last updated: 16/01/2026 21:16:52

UNIMIX 20 M-102 FILLING

Product group: **715** Product number: **905573**

Unimix 20 is an Argon-CO2 gas mix with 20% CO2 in Argon used as shielding gas in MIG / MAG welding processes. This product is delivered in a Unitor cylinder as part of WSS global cylinder exchange program.

Product information

An Argon-CO2 mixture of 20% Carbon Dioxide, 80% Argon. This product is delivered in a 10 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 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
- Unimix 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 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-10
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]	140
Gross Weight [kg]	22
Height [mm]	1000
Weight [kg]	4 Net

Technical data

Connection [inch]	W24.32mm x 1/14" RH Ext
Filling pressure [bar]	up to 200bar
Function	WELDING
Purity	20 +/- 2% CO2
Volume (l)	10

Performance data

Gas Capacity [m³]	2.2

Documents

SDoC and MD for IHM

Related products

Accessories

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

Is frequently bought together with

905034
OXYGEN O-40 FILLING

905174
ARGON E-50 FILLING

905581
UNIMIX 20 M-502 FILLING

905026
ACETYLENE A-40 FILLING

905565
ARGON E-10 FILLING

This page is printed from:
https://www.wilhelmsen.com/product-catalogue/products/gases-refrigerants-and-cylinders/gases/argon/unimix-20-m-10-filling/

© 2024 Wilhelmsen. All rights reserved.