Wilhelmsen Ships Service

UNITOR by Wilhelmsen

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ALUMAG-W 235 1,0MM 2,0KG

Product group: **090** Product number: **590083**

Unitor Alumag-W is a magnesium alloyed wire for welding all common wrought and cast aluminium alloys with maximum 5% Mg. It is specially suited for welds which must be resistant to seawater and high tension, and also where high ductility is required.

Product information

Welding wire for gas metal arc welding of aluminium and aluminium alloys e.g. AlMg, AlMgMn, AlMgSi and AlMg(Cu) alloys.

Recommended to use contact tip size 1.2mm (Product No. 594630).

Features

- Can be used for wrought and cast aluminium alloys
- Seawater resistant deposit

Benefits

- Applications include welding repair of aluminium casting, gangway or materials
- Welds will not be corroded

Specification

General

Suggested Inventory Hazard Material classification	NA

Dimensions/Weight

Diameter [mm]	1.0
Weight [kg]	2

Technical data

AWS	A5.10: ER5356
Polarity	DC +
Voltage [V]	23 mains supply
Wire Speed (m/min)	12

Documents

SDoC and MD for IHM

Directions for use

Use pure Argon as shielding gas
Ensure good surface preparation i.e., use only stainless steel abrasive discs or brush for grinding or cleaning
As aluminium wire is soft, use Teflon type torch cable with length not exceeding 3m
Cast aluminium should be pre-heated to approximately 300oC before welding and ensure they are well supported to avoid sagging from heat and after welding, to allow slow cool

Related products

Is consumable by

301301
UWW-301 TP WIRE WELDER

Is frequently bought together with

699405
18/8-321N 2.5X300MM 89 PCS 1.7 KG

699421
23/14-322N 2.5X300MM 84 PCS 1.7 KG

699538
ALUMIN-351N 3.2X350MM 71 PCS 1.0 KG

632984
WIRE BRUSH STAINL. 6PCS

632992
CHIPPING HAMMER STAINLESS

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