

Product group: 097 Product number: 725309

TIG welding rod for welding duplex stainless steels such as 2205 (UNS Number N31803) and WNr. 1.4462.



Product information

Unitor Iduplex-222 is a TIG rod for welding duplex stainless steel grades like WNr.1.4462, UNS 31803. The deposit offers elevated mechanical strength and toughness resistance to stress corrosion cracking. Application areas are similar to those for coated electrode Duplex-325 N, but with the advantages TIG can offer.

Features

- High mechanical strength and toughness
- The weld deposit offers elevated mechanical strength and toughness resistance to stress corrosion cracking

Benefits

- Less possibility for joint failure during operation
- Large application area as can be used for welding of duplex to mild steel and duplex to stainless steel (AISI304, AISI316L)

Specification

General

Invent Hazard Material (IMO/IU) classification	NA
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Dimensions/Weight

Diameter [mm]	2.0
Weight [kg]	0.5

Technical data

AWS	A5.9: ER2209
Polarity	DC-

Documents

[SDoC and MD for IHM](#)

Directions for use

The label on each container fully identifies the contents, and also gives basic information on application areas. Complete information on each flux label, and instructions for use are given in the handbook for maritime welders.

Use pure argon as shielding gas
Ensure low heat input and interpass temperature should not exceed 250°C
Ensure good surface preparation i.e., use only stainless steel abrasive discs or brush for grinding or cleaning

Related products

Accessories

661778
PICKLING GEL 2L F/STAINLESS STEEL

Is frequently bought together with

- 607810
TIG TORCH ACCESSORIES KIT
- 674710
TUNGSTEN EL. 1.6MM 10PCS
- 602979
18/8MO-221 2.0 X 500 MM0,5KG
- 661778
PICKLING GEL 2L F/STAINLESS STEEL
- 632992
CHIPPING HAMMER STAINLESS
- 632984
WIRE BRUSH STAINL. 6PCS