



TAURUS LANTHANATED TUNGSTEN ELECTRODES

Description

The Taurus lanthanated tungsten electrode has an excellent arc-starting characteristic, a low burn-off rate, good arc stability and excellent re-ignition characteristics and is best applied at medium to high-amperage range. These electrodes have characteristics similar to the EWCe-2 product, contain lanthanum oxide (lanthana) and are non-radioactive and therefore safe to use in almost all normal conditions and environments. However, precautions must be taken when grinding or machining electrode tips containing thorium oxide. Dust particles from such operations need to be contained in order to avoid inhalation.

APPLICATION

Lanthanated tungsten electrodes perform exceptionally well in both AC and DC current and have a low erosion rate. The electrodes are effective for welding aluminium, magnesium, copper and titanium alloys as well as low allowed steels, stainless steel and non-corroding steels.

CLASSIFICATIONS

- AWS EWL_A-1.5 (gold tip)
- AWS EWL_A-2 (blue tip)

AMPERAGE GUIDELINES

TUNGSTEN SIZE AC or DC

1.6 mm	70 – 150 A
2.4 mm	150 – 250 A
3.2 mm	250 – 400A

POLARITY GUIDELINES**MATERIAL WELDED CURRENT**

Carbon steel	DCEN
Copper	DCEN
Nickel alloys	DCEN
Stainless steel	DCEN
Titanium	DCEN
Aluminium	AC
Magnesium	AC

SIZES AVAILABLE

PRODUCT CODE	TIP COLOUR	SIZE (mm)	UNITS PER PACK
TEL.16.LA	GOLD	1.6 x 150	10
TEL.24.LA	GOLD	2.4 x 150	10
TEL.32.LA	GOLD	3.2 x 150	10
TEL.24.LB	BLUE	2.4 x 150	10

Product Category

1. Tig & Accessories
2. Tungsten Electrodes

Date Created

24 Nov 2025