

TAURUS 4043 ALUMINIUM ELECTRODES

Description

TAURUS 4043 contains approximately 5% silicon making it an ideal general purpose aluminum electrode for arc welding aluminum alloys. The arc is stable and operates at low temperatures with minimum spatter and fuming. The welds are strong, dense, and without porosity. It is suited for production as well as maintenance applications. The TAURUS 4043 electrode is an excellent choice for welding heat-treated aluminium parts. Typical applications are arc welding aluminium alloyed with copper, silicon and manganese and is especially suited for joining dissimilar grades of aluminium. These electrodes can also be used for brazing applications and are safely packaged in tin cans.

POLARITY

- DCEP (DC Electrode Positive)

WELDING POSITIONS

- All welding positions.

CLASSIFICATIONS

- AWS A5.3/A5.3M:1999 (R2007)

AVAILABLE IN

- 3.2mm – 1kg pack
- 4.0mm – 1kg pack

TYPICAL COMPOSITION	%
Silicon	4.5 – 6.0
Iron	0.8
Copper	0.3
Manganese	0.05
Magnesium	0.05

TYPICAL COMPOSITION	%
Zinc	0.1

Titanium	0.2
Beryllium	0.0008
Aluminium	Balance

Product Category

1. Aluminium
2. Consumables
3. Electrodes

Date Created
03 Nov 2025