

TAURUS 4043 ALUMINIUM MIG WIRES

Description

TAURUS ALUMINIUM MIG 4043 is a 95% aluminium, 5% silicon wire suitable for welding heat treatable base alloys, and more specifically, the 6XXX series. It has a lower melting point and more fluidity than the 5XXX series filler alloys and is preferred by welders because of its favourable operating characteristics. The ER4043 wires are also less sensitive to weld cracking with the 6XXX series base alloys. TAURUS ALUMINIUM MIG 4043 is suitable for spray-arc and pulsed-arc transfer.

APPLICATIONS

Applications in the construction and automotive industry.

MATERIALS TO BE WELDED

TAURUS ALUMINIUM MIG 4043 wire is used to weld most aluminium alloys containing up to 7% silicon and can be used for welding wrought to cast aluminium materials.

WELDING POSITIONS

- Downhand
- Horizontal flat
- Horizontal vertical
- Vertical up
- Overhead

CLASSIFICATIONS

- AWS A5.10 ER4043
- EN ISO 18273 Al4043 (AlSi5)

AVAILABLE IN

- 0.9mm – 0.5kg / 2kg / 7kg spool
- 1.0mm – 7kg spool
- 1.2mm – 7kg spool
- 1.6mm – 7kg spool

COMPOSITION	%
Silicon	4.5 – 5.5
Iron	0.4 Max
Copper	0.05 Max
Manganese	0.05 Max
Magnesium	0.05 Max
Zinc	0.1 Max
Titanium	0.15 Max
Beryllium	0.0008 Max
Aluminium	Balance

MECHANICAL	AS WELDED
Tensile strength	120 MPa
0.2% Proof stress	40 MPa
Elongation on 5d	8

Product Category

1. Aluminium
2. Consumables
3. Mig Wire

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