



AUTOMIG 4043

GMAW ALUMINIUM ALLOYS

AWS A/SFA 5.10 **ER4043**

CLASSIFICATION:

EN ISO 18273
S Al 4043 (AlSi5)

KEY FEATURES:

- Al/5Si solid wire
- Excellent feedability with consistent welding performance
- Excellent resistance to hot cracking
- Most widely used general purpose filler alloy
- Si addition improves fluidity
- Radiographic weld quality


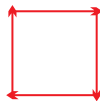
TYPICAL APPLICATIONS:

- Welding of wrought and cast Al alloys with Si up to 7%
- Suitable for Al-Si and Al-Mg-Si alloys
- Ship Building, Mobile Machinery
- Automotive, General Fabrication
- Welding of similar grade Al alloys in the form of pipe, plate, forging and casting

CHEMICAL COMPOSITION OF BARE SOLID WIRE, Wt %:

Si	Fe	Cu	Mn	Mg	Zn	Ti	Al
4.5-6.0	0.8 max	0.3 max	0.05 max	0.05max	0.10 max	0.20 max	Bal.

PARAMETERS - PACKING DATA:

Ø, mm	Kg/Spool		
1.0	7	 DCEP STORAGE / HANDLING : Keep dry and follow handling instructions mentioned on the box	All Positions 
1.2	7		
1.6	7		

Shielding Gas	Gas Flow Rate, LPM
Ar or Ar/He	15-22