



AUTOMIG CuAl-A2

GMAW COPPER ALLOYS

AWS A/SFA 5.7 ERCuAl-A2

CLASSIFICATION:

EN ISO 24373
S Cu 6180 (Cu Al10 Fe)

KEY FEATURES:

- Iron bearing Aluminium-Bronze solid wire
- Resistance to salt water and many commonly used acids

TYPICAL APPLICATIONS:

- Joining aluminium bronzes of similar composition, manganese bronze, silicon bronze, and some copper-nickel alloys, ferrous metals and dissimilar metals
- Dissimilar metal combinations of aluminium bronze to steel, copper to steel
- Overlay application for wear and corrosion resistant surfaces

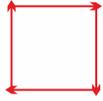
CHEMICAL COMPOSITION OF BARE SOLID WIRE, Wt %:

Zn	Fe	Si	Al	Pb	Cu+Ag
0.02 max	1.50 max	0.10 max	8.50-11.0	0.02 max	Bal.

MECHANICAL PROPERTIES OF ALL WELD METAL:

	Condition	UTS, MPa	Brinell Hardness, HBW
Specification	As Welded	415 min	130-150

PARAMETERS - PACKING DATA:

Ø, mm	Kg/Spool		All Positions
0.8	12.5	 DCEP STORAGE / HANDLING : Keep dry and follow handling instructions mentioned on the box	
1.2	12.5		
1.6	12.5		

Shielding Gas	Gas Flow Rate, LPM
75Ar/25He	15-25