



BRONZE NiAl

NON FERROUS (Cu Alloys)

SFA 5.6 **ECuNiAl**

CLASSIFICATION:

ISO 17777

E Cu 6328 (CuAl 9 Ni 5 Fe 4 Mn2)

KEY FEATURES:

- Copper-Nickel-Aluminium electrode
- Excellent resistance to corrosion, erosion, and cavitation in salt or brackish water
- Good suitability for simultaneous stress strain caused by seawater, cavitation and erosion

APPROVALS: CE

TYPICAL APPLICATIONS:

- Joining and rebuilding of cast and wrought nickelaluminium bronze materials
- Weld cladding on cast iron materials and steel
- Application include ship fittings, ship propellers, power plant valves, piping systems, intake screens, oil recovery pumps and propeller gear housings
- For use in ship building, chemical and paper industries


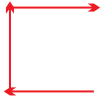
TYPICAL CHEMICAL COMPOSITION OF UNDILUTED WELD METAL, Wt %:

Mn	Fe	Si	Ni+Co	Al	Cu+Ag
2.5	4.0	1.2	5	9.1	Bal

MECHANICAL PROPERTIES OF ALL WELD METAL:

	Condition	UTS, MPa	EL%	Hardness, HV
Specification	As Welded	500 min	10 min	163-205

PARAMETERS - PACKING DATA:

Ø x L, mm	Amperage, A	
2.5 x 350	40-60	 DCEP All Positions, except vertical Down  REDRYING CONDITION: 250-300°C for minimum 1 hr
3.15 x 350	100-120	
4.0 x 350	110-140	

Available in packing of 10 kg box containing 10 plastic cartons of 1 kg each.