

# **ST-CuAl A1**

**AWS A5.7 / ASME SFA 5.7 ERCuAl-A1  
(Aluminum Bronze-A1)**

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**HYUNDAI WELDING CO., LTD.**



## ❖ PRODUCT SPECIFICATIONS

AWS A5.7 / ASME SFA5.7 ER CuAl-A1  
EN ISO 14640 CuAl8  
GB/T9460 SCu6100

## ❖ APPLICATIONS

- Butt joining welding of copper with steel
- Machinery
- Shipbuilding

## ❖ KEY FEATURES

- Recommended for the welding of copper with Cu-Sn Alloy
- Best for the butt joining welding of brass with steel
- Pre-heat suggested for the large size products
- Pulsed argon arc welding is recommended for multilayer hard facing on steel

## ❖ PACKING

Dia. (mm)	TIG
	1.6 – 4.0
Packaging	1000*5kg

## ❖ Chemical Analysis of the Wire

Cu	Al	Fe	Mn	Ni	P	Pb	Si	Sn	Zn	Others
bal.	6.0-8.5	-	0.50	-	-	0.02	0.10	-	0.20	0.50

## ❖ Mechanical Properties

Tensile Strength (Rm)	Elongation
380 - 450 N/mm <sup>2</sup>	40 – 45%