

# **ST-CuSi A**

**AWS A5.7/ ASME SFA5.7 ERCuSi-A  
(Silicon Bronze)**

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**HYUNDAI WELDING CO., LTD.**



## ❖ PRODUCT SPECIFICATIONS

**AWS A5.7/ ASME SFA5.7 ER CuSi-A**

## ❖ APPLICATIONS

- **Best for butt & hard facing of brass, especially for MIG welding of Zinc coated steel sheet**

## ❖ KEY FEATURES

- **Good mechanical properties**
- **Argon Arc welding of copper alloys and MIG brazing of steel**
- **Pre-heat suggested when MIG hard facing for large size products and use pulsed argon arc welding while 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.	0.01	0.50	1.5	-	-	0.02	2.8-4.0	1.0	1.0	0.50

## ❖ Mechanical Properties

Tensile Strength (Rm)	Elongation
330 - 370 N/mm <sup>2</sup>	40%