

ST-CuSn A

**AWS A5.7/ ASME SFA5.7 ERCuSn-A
(Phosphor Bronze-A)**

HYUNDAI WELDING CO., LTD.



❖ PRODUCT SPECIFICATIONS

AWS A5.7/ ASME SFA5.7 ER CuSn-A

❖ APPLICATIONS

- Welding of copper with Cu-Sn alloy
- Good for butt joining welding of brass with steel

❖ KEY FEATURES

- Wear resistance
- Argon arc welding of copper alloys and surfacing of steel
- Pre-heat suggested for large size products
- Pulse argon arc welding recommended for multi-layer 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	-	-	-	0.10-0.35	0.02	-	4.0-6.0	-	0.50

❖ Mechanical Properties

Tensile Strength (Rm)	Elongation
320 - 360 N/mm ²	20 - 25%