

ST-Cu

**AWS A5.7/ ASME SFA5.7 ERCu
(Deoxidized Copper)**

HYUNDAI WELDING CO., LTD.



❖ PRODUCT SPECIFICATIONS

AWS A5.7/ ASME SFA5.7 ERcCu

❖ APPLICATIONS

- Zinc-Coated-Steel in auto bodies
- Brass
- Low-alloy copper
- Non-ferrous and low metal steel
- Cast iron

❖ KEY FEATURES

- Good mechanical properties
- Good crack resistance
- Gas welding and argon arc welding of red copper

❖ PACKING

Dia. (mm)	TIG
	From 1.6 to 4.0
Packaging	5kg

❖ Chemical Analysis of the Wire

Cu	Al	Fe	Mn	Ni	P	Pb	Si	Sn	As	Others
Min 98.0	0.01	-	0.50	-	0.15	0.02	0.50	1.0	-	0.50

❖ Mechanical Properties

Tensile Strength (Rm)	Elongation
210 – 220 N/mm ²	30 - 40%