Key Facts

- Precision layer wound wire
- Easy to use
- High ductility and Lower strength

Description

Precision layer wound wire or filler rod used for inert gas arc welding of copper, copper-silicon and copper-zinc base metals to themselves and also to steel. Widely used in the fencing industry & also to surface areas subject to corrosion.

Classification, Approvals & Confirmations

AWS A5.7 ERCuSi-A

Recommend Shielding Gas

Welding Grade Argon
Argon + 10-25% CO2
Argon + 0-3% O2
Helium + 25% Ar

Welding Positions

All positions

Applications

Widely used for fencing, hot water systems, heat exchangers and marine components due to its resistance to corrosion.

- Automotive panel repairs
- Butt and Fillet welding of galvanised tube and sheet
- Hot water systems
- Marine components

Typical Analysis/Composition

Si - Silicon	Mn - Manganese	Fe - Iron	Al - Aluminum
2.8 – 4.0	< 1.5%	< 0.5	< 0.01
Sn - Tin	**Pb - Lead**	**Zn - Zinc**	**Cu - Copper**
< 1.0%	< 0.02	< 1.0	Balance
Others			
< 0.05			

Typical All Weld Metal Mechanical Properties

0.2% Proof Stress	170 MPa
Tensile Strength:	380 MPa
Elongation (in 2 inches):	50%

Packaging & Ordering Information

Size	Weight	Part Number
0.8mm	5kg	200138
0.9mm	13.62kg	200141
0.9mm	5kg	200139
1.2mm	13.62kg	200142