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% CO_2
Argon + 0-3% O_2
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

Disclaimer: The above information is provided as a guide; actual welding current and voltage will depend on the welding machine characteristics, which will vary from model to model. Other variables include run length and size, plate thickness, operator technique and gas type (if used). The user must evaluate the process, application and recommended professional advice. Under no circumstance will Dynaweld or its affiliates be liable for misuse or application of products this is entirely up to the user's ability.