Key Facts

- Copper coated Low carbon wire for TIG and OXY welding
- Welds over mill scaled plates
- Versatile wire

Description

Low hydrogen, copper coated, low carbon steel Mig wire and Tig rod for use with CO_2 and Argon mixed gases. Higher levels of manganese and silicon enable high quality welds on dirty, oily or rusty steel. Suitable for all welding positions.

Classification, Approvals & Conformances

A5.18 ER70S-6
RINA: Grade 3S, 3YS, ABS: Grade 3YSA, DNV: Grade III YMS, LRS: Grade 3YS-H15

Welding Positions

All positional, including vertical-down.



Recommended Shielding Gas

Argon +18-25%CO_2 & Carbon Dioxide CO_2

Applications

Applications include tube sections, construction, manufacturing and structural steel. Also suitable for general steel repairs with rusty or oily plates. Useful for steel castings, forging salvage, tanks, DIY Projects and sheet metal.

- General steel repairs
- Ideal for DIY projects
- Power station repairs

Typical Analysis/Composition

C - Carbon	Mn - Manganese	Si - Silicon	P - Phosphorus
0.076	1.51	0.89	0.013
S - Sulphur	**Cu – Copper**		
0.017	0.017		

Typical Weld Mechanical Properties

Yield Strength:	400 MPa
Tensile Strength:	510 MPa
Elongation (5xD):	26%

Packaging & Ordering Information

Size	Weight	Part Number
1.6mm	5kg	300124
1.6mm	1kg	300124H
2.4mm	5kg	300125
2.4mm	1kg	300125H

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.