

CARBOROD GALVA is a copper coated G2Ti/ER70S-2 type solid TIG welding rod. Suitable for use mainly with Ar shielding gas.

CARBOROD GALVA is a microalloyed steel rod, triple-deoxidised with Ti, Al and Zr, used to weld C-Mn and low-alloyed steels with light contamination or oxides on the surface, and for welding of galvanised steels with a tensile strength of 580 MPa, because of better fusion characteristics compared to standard unalloyed rods. Good low temperature toughness.

### Classification

EN ISO	636-A: W2Ti
AWS	A5.18: ~ER 70S-2

### Chemical analysis (Typical values in %)

C	Mn	Si	P	S	Ti	Al	Zr
0.06	1.30	0.65	≤0.025	≤0.025	0.13	0.10	0.11

### All-weld metal Mechanical Properties

Yield Strength (MPa)	Tensile Strength (MPa)	Elongation A5 (%)	Impact Energy ISO - V (J)	
			+20 °C	-20 °C
≥ 420	500-640	≥ 24	≥ 100	≥ 50

Gas test: 100% Ar

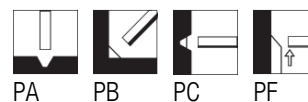
### Shielding Gas - EN ISO 14175 : I1

### Storage

Keep dry and avoid condensation.

### Current condition and welding position

DC-



### Packaging data

Diam. (mm)	Packaging Type	Weight (kg)	Code
1.0	TUB	5	W000283339
1.2	TUB	5	W000283340
2.4	TUB	5	W000283343
3.2	TUB	5	W000283344
3.2	TUB	5	W000283344
4.0	TUB	5	W000283345
4.0	TUB	5	W000283345