

Solid copper coated wire for gas welding of aluminium-magnesium alloys, homogeneous at 3% Mg content or heterogeneous . It is especially recommended for naval and marine construction, for its excellent resistance to salt.

■ Classification

AWS 5.10 : ER 5554
EN ISO 18273 : S Al 5554
DIN 1732 : SG-AlMg2,7Mn

■ Applications

- Automotive construction,
- Railway construction
- Shipbuilding
- Chemicals storage tanks.

■ Benefits

- Resistant to corrosion.

■ Chemical properties

Al %	Mg %	Mn %	Cr %	Ti %	Fe %	Cu %	Si %	Zn %
Base	2.60	0.80	0.10	0.10	0.30	0.08	0.20	0.20

■ Mechanical properties

Re	Rm	A 5 d
100 Mpa	240 Mpa	18 %

■ Recommendations

Ø wire (mm)	1.2
voltage (V)	20 ▶ 29
courant (A)	125 ▶ 260

Gas protection complies with EN ISO 14175
100% Argon (I1) or Argon / Helium (I3): 14-23 l/min



Packaging

weight (kg)	Wire reel type		Wire diameter (mm)			
			Ø 0.6	Ø 0.8	Ø 1.0	Ø 1.2
2	S200	—	—	—	—	086517
7	S300	—	—	—	—	086500