

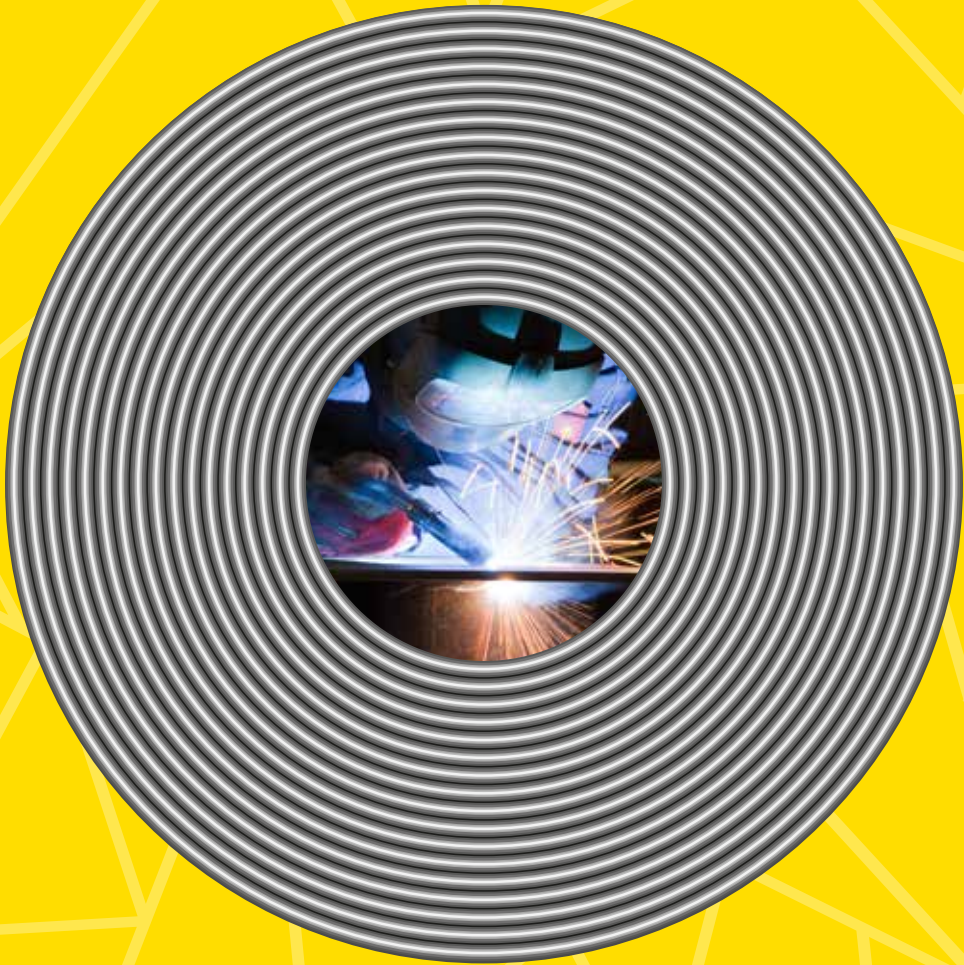


MAGWELD

GMAW WIRE

Conforms to Standard AWS 5.18 ER 70 S-6,
& EN ISO 14341-A: G3Si1

**AN ADVANCED & LOW-COST SOLUTION
FOR CONTINUOUS WELDING**



**FOR HIGHER METAL DEPOSITION
& HIGH-PERFORMANCE WELDING**

MAGWELD

GMAW WIRE

Magweld is the best choice for pre-engineering building, automotive industry, cycle industry, furniture, shipbuilding, LPG cylinder manufacturing and many other kinds of welding work. Magweld is certified for high-performance and low-cost welding.

KEY FEATURES OF MAGWELD

- Precision layer winding
- No copper flexing
- Weather-resistant
- Can be used to weld in any position



1G/PA



2F/PB



2G/PC



3G/PG



3G/PF



4G/PE

CHEMICAL COMPOSITION OF TYPICAL WELD DEPOSIT (%)

Carbon (C)	Manganese (Mn)	Silicon (Si)	Sulphur (S)	Phosphorus (P)
0.06–0.15	1.4–1.85	0.8–1.15	<0.035	<0.025
Nickel (Ni)	Chromium (Cr)	Molybdenum (Mo)	Vanadium (V)	Copper (Cu)
<0.15	<0.15	<0.15	<0.03	<0.5

TYPICAL MECHANICAL PROPERTIES

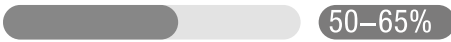
Gas used	Yield Strength (N/mm ²)	Tensile Strength (N/mm ²)	Impact Strength (J) at –30 degree celsius	Elongation (L0=5d0) (%)
Carbon dioxide (CO ²)	400–480	500–600	50J	22
Argon+Carbon dioxide (Ar+CO ²)	480–550	550–650	50J	24





WHY IS MAGWELD THE BEST?

Regular Stick Electrode (SMAW)



Deposition Efficiency (%)



Productivity

Magweld (GMAW)



Deposition Efficiency (%)



Productivity

OPERATING INFORMATION

Dia (mm)	Welding Current (A)	Weight/Spool (KG)
0.8	70–180	15
1.0	90–260	15
1.2	100–320	15
1.6	140–400	15

Spool Dimension: 270 mm

Type of Current: DC (+VE)





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