

PEAK™ SG2 CF MIG Wire

Mild Steel

DC+ Current

A copper free level layer wound solid wire that is well-suited for general GMAW (MIG/MAG) welding applications. Provides excellent tolerance to rust and mill scale, improved wetting and bead shape characteristics in a highly fluid weld pool.



- Meets EN ISO 14341-A: G42 4 M21 3Si1
EN ISO 14341-A: G42 3 C1 3Si1
AWS A5.18: ER70S-6
- Shielding gas: EN ISO14175:2008 M21 (ARCAL™ Force), C1
- Butt and fillet welding of carbon steel sheet and plate
- Highly clean and uniform condition
- Superior wire surface finish for the best feedability and arc performance
- Optimal manufacturing process to precisely control chemical composition
- Can be used in all welding positions
EN ISO 6947:PA/PB/PC/PE/PF/PG

Typical Applications

- Structural, automotive and general fabrication
- Automatic or semi-automatic welding
- Heavy equipment – industrial, agricultural, construction and mining

Typical Operating Procedures

Polarity	Current (Amps)		
	0.8mm	1.0mm	1.2mm
DC+	50-180	80-250	100-350

Chemical Composition of Wire (Wt. %) - Typical Wire (EN 13479)

	% C	% Mn	% Si	% S	% P	% Ni	% Cr	% Mo	% V	% Cu
Requirements	0.06-0.14	1.3-1.6	0.70-1.0	0-0.025	0-0.025	0-0.15	0-0.15	0-0.15	0-0.03	0-0.35
Typical Results	0.06	1.46	0.87	0.011	0.013	0.013	0.041	0.011	0.002	0.026

Ordering and Packaging Information

Diameter	15 kg Plastic Spool
1.0mm	RAD54000040
1.2mm	RAD54000041

Contact us today to see how RADNOR™ wire can enhance your welding operations.
See overleaf for Energas contact details.

Rugged. Reliable. Priced right.

energass.co.uk/RADNOR

ENERGAS

an Air Liquide company

ENERGAS

Your local gas and equipment experts

- Comprehensive range of welding & engineering supplies from world leading manufacturers
- Welding machines & plasma cutting equipment for sale or hire
- Welding consumables including MIG wire, TIG wire, electrodes & Sub-arc wire
- Industrial Gases equipment - regulators, hoses, trolleys, brackets
- Fume Extraction Solutions for both fixed and on-torch fume extraction
- Abrasives incl. slitting, cutting & grinding discs, abrasive sheets, rolls & carbide burrs
- Power & hand tools
- Welding machine calibration, service and repair
- Workshop machinery incl. Air compressors, pillar drills & welding positioners
- CP7 Gas equipment safety checks
- Comprehensive range of gases for welding and cutting in varying package types and size to suit your operational needs
- LPG for forklifts, cutting, heating and cooking

We also supply everything you and or your employees/students need to weld safely and comfortably:

Welding Helmets

(PAPR) Powered
Air Purifying
Respirators

Welding
Gauntlets, Gloves

Welding Workwear
- Coveralls,
Jackets, Boots

Personal
Protective
Equipment

Welding
Equipment

Welding
Consumables



Contact Energas today via your local branch to speak to a gas and equipment expert:

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