

PEAK™ plus 309LSi MIG Wire

Stainless Steel

DC+ Current



Features

- Meets EN ISO 14343-A: G 23 12 LSi
- Weld metal is austenitic structure with 23%Cr-12%Ni
- High silicon level for increased weld pool fluidity and toe wetting
- 0.02% carbon content increases resistance to intergranular corrosion
- Used for welding dissimilar materials such as mild steel to stainless steel, as well as for a barrier layer in stainless overlays
- Can be used in welding positions EN ISO 6947:PA/PB/PC/PE/PF/PG



Recommended Energas Shielding Gas

- ARCAL™ Chrome

Typical Analysis of all Weld Metal (Wt.%)

% C	% Si	% Mn	% P	% S	% Cr	% Ni
0.02	0.76	1.91	0.012	0.010	23.88	13.76

Mechanical Properties

Tensile Strength N/mm ²	Yield Strength N/mm ²	Elongation %
570	410	39

Ordering and Packaging Information

Diameter	15kg Spool
0.8mm	RAD54000051
1.0mm	RAD54000052
1.2mm	RAD54000053

Typical Operating Procedures

		Current (Amps)		
Sheilding gas	Polarity	0.8mm	1.0mm	1.2mm
M12-ArC-2	DC+	40-120	80-160	100-210

Contact us today to see how RADNOR™ wire can enhance your welding operations.

See overleaf for Energas contact details.

Rugged. Reliable. Priced right.

energas.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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