



SpeedATM

Aluminium MIG and TIG welding wire



Why use SpeedAI™?

Welders appreciate SpeedAI™ MIG and TIG welding wire because:

- Excellent feedability and superior liner life, which comes from our exclusive wire finishing technology
- Consistent high quality welds from our deep shaved and cleaned wire
- Double shaving, close to final size, giving the best performance for higher strength alloys in the most demanding applications
- Expert advice to all our customers

ISO9001: 2008 certified



Packaging

MIG Spools - New 8Kg Spools

Spool	S100	S200	S300	BS300
Dia. mm	Kg net	Kg net	Kg net	Kg net
0.8	0.5	2.0	5.0 & 8.0	7.0
1.0	0.5	2.0	6.5 & 8.0	7.0
1.2	0.5	2.0	6.5 & 8.0	7.0
1.6	-	-	6.5 & 8.0	7.0
2.4	-	-	6.5 & 8.0	7.0



All spools packed in heat-sealed plastic bags and boxed.
S100 packed 18 to one box (9kg net).

Technical Specifications Chemical Analysis

Product	ISO chemical	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Other Each	Other Total	Al
SpeedAI/ 1080A	Al99.8(A)	0.15	0.15	0.03	0.02	0.02	-	0.06	0.02	0.02	-	98.80 min
SpeedAI/ 1070	Al99.7	0.20	0.25	0.04	0.03	0.03	-	0.04	0.03	0.03	-	99.70 min
SpeedAI/ 4043	AlSi5	4.5-6.0	0.8	0.30	0.05	0.05	-	0.10	0.20	0.05	0.15	Rem
SpeedAI/ 4047	AlSi12	11.0-13.0	0.8	0.30	0.15	0.10	-	0.20	-	0.05	0.15	Rem
SpeedAI/ 5183	AlMg4.5Mn0.7(A)	0.40	0.40	0.10	0.50-1.0	4.3-5.2	0.05-0.25	0.25	0.15	0.05	0.15	Rem
SpeedAI/ 5356	AlMg5Cr(A)	0.25	0.40	0.10	0.05-0.20	4.5-5.5	0.05-0.20	0.10	0.06-0.20	0.05	0.15	Rem
SpeedAI/ 5554	AlMg2.7Mn	0.25	0.40	0.10	0.50-1.0	2.4-3.0	0.05-0.20	0.25	0.05-0.20	0.05	0.15	Rem
SpeedAI/ 5556A	AlMg5Mn	0.25	0.40	0.10	0.6-1.0	5.0-5.5	0.05-0.20	0.20	0.05-0.20	0.05	0.15	Rem
SpeedAI/ 5754	AlMg3	0.40	0.40	0.10	0.50 ¹	2.6-3.6	0.30 ¹	0.20	0.15	0.05	0.15	Rem

Be 0.0003 max
¹ Mn +Cr 0.10-0.6

In accordance with ISO 18273:2004 (E), AWS A5.10/A5.10M:1999 and JIS Z 3232:2000.
If no range specified, figure is a maximum. Aluminium is remainder unless specified otherwise.

TIG rods

TIG rods are supplied in 1m lengths, the alloy code is stamped in 4 places. Packed in handy 2.5kg packs; 8 packs to a box (20kg net). Also available in 25kg bulk boxes.

Diameters: 1.6, 2.0, 2.4, 3.2, 4.0 and 5mm.





SpeedAI™ is available throughout the globe through Speedmet and the Welding Alloys Group.

Please contact us at our UK sales office:
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A worldwide presence

United Kingdom
(Head office)
Welding Alloys Ltd

Argentina
Welding Alloys Argentina S.A.

Australia (Trading Partner)
Specialised Welding Products Pty Ltd

Brazil
Welding Alloys Brasil Ltda

China
Welding Alloys China Ltd

Egypt
Welding Alloys Egypt

Finland
Welding Alloys Finland Oy

France
Welding Alloys France SAS

Germany
Welding Alloys
Deutschland GmbH

Greece
Welding Alloys Hellas EPE

India
Welding Alloys
South Asia Pvt Ltd

Iran
Aliaj Joosh Iran

Italy
Welding Alloys Italiana s.r.l.

Japan
Welding Alloys Japan

Malaysia
Welding Alloys (Far East) Sdn. Bhd.

Mexico
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Panamericana S.A. de C.V.

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Welding Alloys Maroc Sarl

Poland
Welding Alloys Polska Sp. z o.o.

Russia
ZAO Welding Alloys

South Africa
WASA (PTY) Ltd

South Korea
Welding Alloys Korea Ltd

Spain
Welding Alloys España

Sweden
Welding Alloys Sweden

Thailand
Welding Alloys (Thailand) Co. Ltd

Turkey
Welding Alloys Limited Şirketi

Ukraine
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