Gulf Wire
ALUMINIUM WELDING WIRES / RODS

ALUMINUM MIG WIRES & TIG RODS

Welded aluminum products are light, bright, and beautiful.

The weight savings and corrosion resistant properties of aluminum make products that save energy and are easily recycled.

Gulf Wire Diamond Draw™ wire ensures welds of the highest quality.

A wire surface finish produced by natural diamonds is unsurpassed by any other manufacturing technique. Diamond drawing dies produce a smooth, bright, contamination-free finish. A Diamond Draw™ lot of wire insures consistent porosity-free welds. Documented quality in all the steps of manufacturing from controlled lots of rod through the entire process of drawing, mechanical shaving, degreasing, straightening, spooling, weld testing, and packaging guarantees the best possible product in the welder's hands. All wire is continuously tested for cleanliness and cost to insure a clean, precision wound spool.

All components, both physical and procedural, are designed to facilitate and center on the production of aluminum welding wire. No compromise is made which would allow production of non-ferrous non-welding products in our manufacturing facility.

A Diamond draw lot of Gulf Wire electrode insures porosity free welds. A surface finish produced by natural diamonds is unsurpassed by any other manufacturing technique.

Quality in the first steps of manufacturing insures the best possible product in the welder hands and also means uniform cast and helix controls.

All other components in the drawing (drawing lubricants, input stock and equipment) are designed to center on the production of aluminum welding wire. No compromise is made to facilitate the production of other non-welding products.

All aluminum raw material is U.S. manufactured and produced according to AWS specifications. Physical and chemical analyses are available in writing upon request.

Custom cast and helix are also available upon request.

Each spool is individually bagged in plastic. Boxes and cases are designed to stock and ship efficiently for distribution to local and international markets.

Weight Percent

AWS Classification	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Other Elements		
										Each	Total	Al
1100	c	C	0.05-0.20	0.05	-	-	-	0.1	-	0.05	0.15	99.00 min
1188	0.06	0.06	0.00	0.01	0.01	-	-	0.03	0.01	0.01	-	99.88 min
2319	0.20	0.30	5.8-6.8	0.20-0.40	0.02	-	-	0.10	0.10-0.20	0.05	0.15	Remainder
4043	4.5-6.0	0.80	0.30	0.05	0.05	-	-	0.10	0.20	0.05	0.15	Remainder
4047	11.0-13.0	0.80	0.30	0.15	0.10	-	-	0.20	-	0.05	0.15	Remainder
5183	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	Remainder
5356	0.25	0.40	0.10	0.50-0.20	4.5-5.5	0.05-0.20	-	0.20	0.06-0.20	0.05	0.15	Remainder
5554	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	Remainder
5656	0.25	0.40	0.10	0.50-1.0	4.7-5.5	0.05-0.20	-	0.25	0.05-0.20	0.05	0.15	Remainder
5654	h	h	0.05	0.01	3.1-3.9	0.15-0.35	-	0.20	0.05-0.15	0.05	0.15	Remainder