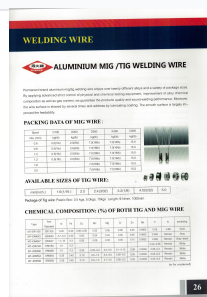


# Aluminum Welding Wire

Aluminum welding wire is precision-drawn for consistent diameter and smooth feeding, ensuring reliable arc stability. It provides excellent corrosion resistance and high tensile strength welds for welding aluminum alloys in various industries.



## Overview



Comprehensive range of aluminum welding alloys available in various spool and box sizes for professional industrial use.

## High-Performance Aluminum Welding Solutions

This premium aluminum welding wire is engineered for superior performance in both MIG and TIG welding processes. Featuring a shaved and lubricated surface, it ensures exceptional feedability and arc stability with minimal spatter. Available in over twenty different alloys, it provides excellent corrosion resistance and high tensile strength for demanding applications in automotive, aerospace, and general fabrication.

## Key Features

### Performance Highlights

**20 +**

Available Alloys

**1000 mm**

Max TIG Length

**15 kg**

Max Spool Weight

## Technical Specifications

### Common Alloy Types

- ER1100
- ER4043
- ER4047
- ER5183
- ER5356
- ER5554
- ER5556

**Welding Processes**

MIG, TIG

**Surface Treatment**

Shaved and lubricated for improved feedability

## MIG Welding Data

### Spool Standards

D100 • D200 • D300 • K300 • D355

### MIG Wire Diameters

- 0.8
- 0.9
- 1
- 1.2
- 1.6
- 2

## TIG Welding Data

### TIG Wire Diameters

- 1.6
- 2
- 2.4
- 3.2
- 4
- 5

### Available Rod Lengths

914mm, 1000mm

## Chemical Composition

### Chemical Composition by Type

| Type   | Si (%)  | Mg (%)  | Anodizing Color |
|--------|---------|---------|-----------------|
| ER1100 | 0.25    | 0.05    | Gold            |
| ER4043 | 4.7-5.3 | 0.05    | Gray            |
| ER5356 | 0.1     | 4.5-5.5 | White           |
| ER5556 | 0.25    | 4.7-5.5 | White           |

## Applications

### Target Industries

- Automotive
- Aerospace
- General Fabrication