

# Stainless Steel Welding Wire

This stainless steel welding wire is designed for various welding applications requiring precision and durability. It provides excellent corrosion resistance, high tensile strength, and smooth arc characteristics for reliable welds.



## Product Overview

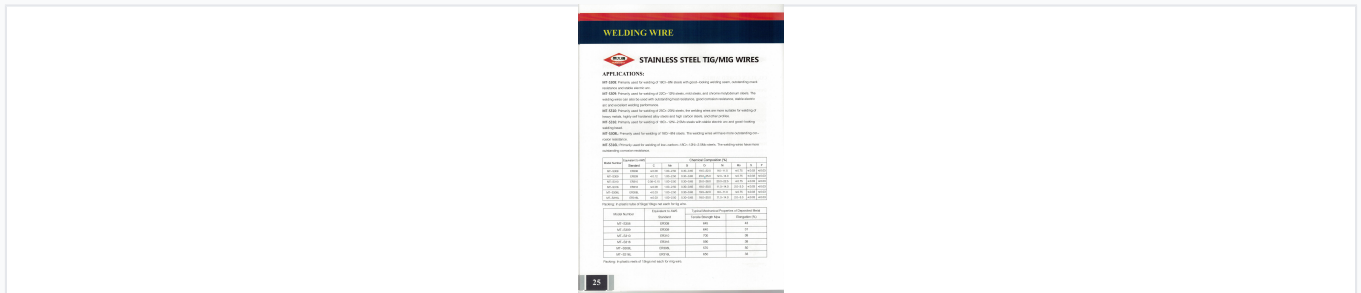
### Professional Stainless Steel Welding Wires

This range of high-quality stainless steel TIG and MIG welding wires is engineered for precision across diverse industrial sectors, including aerospace, automotive, and heavy construction. These wires feature excellent corrosion resistance, high tensile strength, and superior arc stability to ensure reliable, clean, and crack-resistant welds. With various models tailored for specific steel alloys, this series offers professional-grade performance and aesthetic weld beads for demanding applications.

#### Available Models

MT-S308, MT-S309, MT-S310, MT-S316, MT-S308L, MT-S316L

## Packaging & Logistics



Professional grade TIG/MIG stainless steel welding wire packaging options.

### Packaging Formats

- TIG Wire: 5kg/10kg plastic tubes
- MIG Wire: 15kg plastic reels

## Chemical Composition

### Chemical Composition Table

Model	AWS	Cr %	Ni %	Mo %
MT-S308	ER308	19.5-22.0	9.0-11.0	<0.75
MT-S309	ER309	23.0-25.0	12.0-14.0	<0.75
MT-S310	ER310	25.0-28.0	20.0-22.5	<0.75
MT-S316	ER316	18.0-20.0	11.0-14.0	2.0-3.0
MT-S308L	ER308L	19.5-22.0	9.0-11.0	<0.75
MT-S316L	ER316L	18.0-20.0	11.0-14.0	2.0-3.0

## Mechanical Properties

### Tensile Strength

**645 MPa**

MT-S308

**640 MPa**

MT-S309

**700 MPa**

MT-S310

**590 MPa**

MT-S316

**570 MPa**

MT-S308L

**650 MPa**

MT-S316L