



Titanium W

ELEMENTS

PERCENTAGE

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SKU: ERTi-2-1

Price:

Stock: instock

Categories: [TIG/](#)

Tags: [ER-Ti2 Tita](#)

Product Description

GTAW rod for welding pure Titanium and Titanium alloys with similar chemical composition. Titanium can be tung
requires greater cleanliness and the use of auxiliary gas shielding to protect the molten puddle and cooling weld

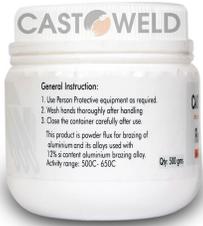
Condition

Yield strength R

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MPA

295*



Flux-47 Aluminium Brazing Flux Powder

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SKU: Aluminium Brazing Flux

Price:

Stock: instock

Categories: [Aluminium Brazing Flux](#), [Brazing Wires and Flux](#), [Welding Consumables](#), [Welding Filler Wires](#)

Product Description

Aluminium Brazing flux is a powder type flux for braze welding /brazing of copper alloys, carbides, carbon & galvanized steels. This is useful for torch, induction or furnace heat brazing. Also used when brazing with low fuming bronze, nickel bronze and brass brazing alloy. Residues can be easily removed. This gives high fluxing activity with good wetting and spread and gives nice visibility while brazing. (no sodium glare).

ER CuSi-A Silicon Bronze TIG MIG Welding Wire



Element	Zn	Sn	Mn	Si	Al
Percent	1.0	1.0	1.5	2.8-4.0	0.01

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SKU: ER CuSi-A

Price:

Stock: instock

Categories: [Copper Alloy Welding Wires](#), [TIG/MIG Filler Wires](#), [Welding Consumables](#), [Welding Filler Wires](#)

Product Description

Use for welding of Silicon Bronze, Copper, or Aluminum Bronze of low aluminum content. It can also be used for brazing malleable iron and light gauge steel. COMPOSITION OF ALL WELD METAL (%)

Element	Zn	Sn	Mn	Si	Al	Cu
Percent	1.0	1.0	1.5	2.8-4.0	0.01	Balance

ER CuAl-A2 Aluminium Bronze TIG MIG Welding Wire



Element	Al	Fe	Pb	Si	Zn	Cu
Percent	8.5-11.0	1.5	0.02	0.1	0.02	Balance

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SKU: ER CuAl-A2

Price:

Stock: instock

Categories: [Copper Alloy Welding Wires](#),
[TIG/MIG Filler Wires](#), [Welding Consumables](#)
, [Welding Filler Wires](#)

Product Description

Aluminium Bronze A-2 is an iron-bearing Copper Aluminium MIG & TIG filler metal primarily designed for joining aluminium bronze, silicon bronze and manganese bronze, some high strength Copper-Zinc and Copper-Nickel alloys as well as many ferrous metals such as steel, Cast iron and galvanized iron. It is also good for joining dissimilar metals such as cast iron, carbon steels, copper, bronze and copper-nickel material. Weld deposits exhibit high mechanical properties, tensile strength, yield strength and hardness. Applications include wear surface reconstruction, casting repair and general maintenance, and galvanized sheet metal fabrication when high strength welds are required and in Marine maintenance and repair welding of ship propellers, pump housings, rigging jacks, piston heads, bearings and many overlay or surfacing applications. COMPOSITION OF ALL WELD METAL (%)

Element	Al	Fe	Pb	Si	Zn
Percent	8.5-11.0	1.5	0.02	0.1	0.02



Hard facing P20 TIG welding Wire

Element	C	Si	Mn	P	S
Percent	0.35	0.50	0.80	0.025	0.025

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SKU: P20

Price:

Stock: instock

Categories: [Hardfacing Welding Wires](#), [TIG/MIG Filler Wires](#), [Welding Consumables](#), [Welding Filler Wires](#)

Product Description

Chromium - Manganese - Molybdenum welding wire. Large and medium-sized moulds for plastic processing, mould frames for injection moulding and die casting industries, component for general mechanical engineering.

COMPOSITION OF ALL WELD METAL (%)

Element	C	Si	Mn	P	S
Percent	0.35	0.50	0.80	0.025	0.025



Hard Facing H 13 Hot Die TIG Filler Wire

Element	C	Si	Mn	P	S
Percent	0.40	1.00	0.40	0.020	0.020

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SKU: H13

Price:

Stock: instock

Categories: [Hardfacing Welding Wires](#), [TIG/MIG Filler Wires](#), [Welding Consumables](#), [Welding Filler Wires](#)

Product Description

Welding wire for hot work tool steels with excellent hot tensile properties, high hot wear resistance. Heat checking resistance. Used in particular to repair mandrels, punches, dies, cylinder crushers, screws, hammers, pneumatic hammers, etc. COMPOSITION OF ALL WELD METAL (%)

Element	C	Si	Mn	P	S
Percent	0.40	1.00	0.40	0.020	0.020

ER NiCu-7 TIG Filler Welding Wire



Element	C	Mn	Si	Ni	Al	Ti	Fe	Cu
Percent	0.05	2.8	0.5	66	0.6	0.6	1.3	Bal

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SKU: ER NiCu-7

Price:

Stock: instock

Categories: [Nickel Alloy Welding Wires](#),
[TIG/MIG Filler Wires](#), [Welding Consumables](#), [Welding Filler Wires](#)

Product Description

ER NiCu-7 is ideal for welding of monel to monel, Ni-Cu alloys to themselves, Ni-Cu alloys to steels, for welding clad side of Ni-Cu clad steel and for surfacing on steel parts for service against corrosion by sea water, chlorinated solvents, sulphuric acid and alkalis. Ideal for marine, chemical, food, dairy, and oil refining industries.

Nickel Alloy ER Ni-1 Filler Wire TIG



Element	C	Mn	Si	Ni	Fe	T	Al
Percent	0.04	0.6	0.5	Bal	0.6	2	0.6

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SKU: ER Ni-1

Price:

Stock: instock

Categories: [Nickel Alloy Welding Wires](#), [TIG/MIG Filler Wires](#), [Welding Consumables](#), [Welding Filler Wires](#)

Product Description

ER Ni-1 is suitable for depositing pure Nickel weld metal, ideally suited for welding wrought and cast of commercially pure nickel to themselves, welding nickel to carbon steels, overlays on steel to resist corrosion in caustic soda service and marine atmosphere.

ER NiCr-3 Nickel Alloy TIG MIG Welding Wires



Element	C	Mn	Si	Cr	Ni	Cu	Fe	Cb/Ta
Percent	0.04	7.5	0.80	15	Bal	0.50	10	1.50

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SKU: ER NiCr-3

Price:

Stock: instock

Categories: [Nickel Alloy Welding Wires](#),
[TIG/MIG Filler Wires](#), [Welding Consumables](#), [Welding Filler Wires](#)

Product Description

ER NiCr 3 deposits an inconel 600 type weld metal. The electrode is specially suited for welding of 9% nickel steels , joining dissimilar metals, joining of Ni-Cr-Fe alloy to themselves and to dissimilar materials, cladding and surfacing of parts subjected to corrosion and heat. The weld metal possesses excellent high temperature as well as sub-zero temperature properties.

Cobalt Alloy Wire Filler Wire ER CoCr-A



Element	C	Mn	Si	Cr	Ni	Mo
Percent	1.2	1.0	2.0	29	3.0	1.0

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SKU: Stellite 6

Price:

Stock: instock

Categories: [Hardfacing Welding Wires](#), [TIG/MIG Filler Wires](#), [Welding Consumables](#), [Welding Filler Wires](#)

Product Description

ER CoCr-A Bare Wire (ERCoCr-A) provides resistance to many forms of chemical and mechanical degradation over a wide temperature range. It bonds well with all weldable grade steels, including stainless. Hardness: HRC 40 - 42

Cobalt Alloy Hard facing Filler Wire ER CoCr-B



Element	C	Mn	Si	Cr	Ni	Mo
Percent	1.5	1.0	2.0	30	3.0	1.0

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SKU: Stelle 12

Price:

Stock: instock

Categories: [Hardfacing Welding Wires](#), [TIG/MIG Filler Wires](#), [Welding Consumables](#), [Welding Filler Wires](#)

Product Description

ER CoCr-b is a hardfacing alloy that has high abrasion and corrosion resistance at working temperatures up to 1500 F. It is commonly used on contact surfaces of exhaust valves, cams, saw bars, chains, crushers, petrochemical valves, and extrusion screws. Also used on hot trimming, shearing or punching dies associated with the forging and extrusion industries. The metal-to-metal wear is also outstanding due to the low coefficient of friction. Hardness: 44-48 HRC

Cobalt Alloy Hard facing Filler Wire ER CoCr-C



Element	C	Mn	Si	Cr	Ni	Mo
Percent	2.4	1.0	2.0	32	3.0	1.0

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SKU: ER CoCr-C

Price:

Stock: instock

Categories: [Hardfacing Welding Wires](#), [TIG/MIG Filler Wires](#), [Welding Consumables](#), [Welding Filler Wires](#)

Product Description

ER CoCr-C is a Cobalt base, hard facing filler metal. This alloy in bare rod form is generally applied by the oxyacetylene or gas tungsten arc welding process. The room temperature hardness of CoCr-1 is typically 50 – 55 HRC. This alloy is most noted for resistance to softening at elevated temperatures. Hot hardness values of 48 HRC are maintained at 1200 F. This alloy displays exceptional abrasion resistance due to the massive amount of carbide formation. The metal to metal wear is also outstanding due to the low coefficient of friction because of its ability to take a high polish. The large addition of Chromium imparts good oxidation and corrosion resistance up to 1800F. The impact resistance and machinability of this alloy is generally considered poor.



ER 70S-G Carbon steel TIG Solid Welding Wire

Element	C	Mn	Si	S	P
Percent	0.06-0.14	1.60-1.90	0.80-1.15	0.025 max	0.025 max

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SKU: ER 70S-G

Price:

Stock: instock

Categories: [Carbon Steel Welding Wires](#), [TIG/MIG Filler Wires](#), [Welding Consumables](#), [Welding Filler Wires](#)

Product Description

ER 70S-G is a coated, manganese-silicon alloyed GTAW wire for welding of all general engineering and structural steels with minimum yield strength of max 400 Mpa. High level of silicon and manganese for use on slightly contaminated base materials. contains deoxidizers also provide better wetting , giving a flatter bead shape and the capability of faster travel speeds. CHEMICAL

COMPOSITION OF ALL WELD METAL (%)

Element	C	Mn	Si	S	P
Percent	0.06-0.14	1.60-1.90	0.80-1.15	0.025 max	0.025 max

Stainless Steel AISI 304L MIG TIG Filler Wire



Element	C	Mn	Si	Cr	Ni
Percent	0.03	2.0	0.75	18	8

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SKU: AISI 304L

Price:

Stock: instock

Categories: [Stainless Steel Welding Wires](#), [TIG/MIG Filler Wires](#), [Welding Consumables](#), [Welding Filler Wires](#)

Product Description

AISI 304L is the low carbon version of AISI 304 (0.08%C) which may be susceptible to intergranular corrosion in certain corrosive media after it is welded or otherwise heated at temperatures between 430 and 860°C. For welded applications avoid the unstabilised, higher carbon, versions. CHEMICAL COMPOSITION OF ALL WELD METAL (%)

Element	C	Mn	Si	Cr	Ni
Percent	0.03	2.0	0.75	18	8

ER 1070 Aluminium MIG Welding Wire



Element	Al	Zn	Cu	Mn	Be
Percent	99.70	0.10	0.05	0.05	0.003

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SKU: ER 1070

Price:

Stock: instock

Categories: [Aluminium Alloy](#)
[Welding Wires](#), [TIG/MIG Filler](#)
[Wires](#), [Welding Consumables](#),
[Welding Filler Wires](#)

Product Description

ER 1070 is pure aluminum wire and has good corrosion resistance, high electrical and thermal conductivity. The strength of the welded joint is not high. This is suitable for welding of unalloyed aluminum. COMPOSITION OF ALL WELD METAL (%)

Element	Al	Zn	Cu	Mn	Be
Percent	99	0.10	0.05	0.05	0.003

ER 4043 MIG TIG Aluminium Welding Wire



Element	Si	Fe	Mn	Cu	Mg	Others	Al
Percent	5.0	0.08	0.15	0.30	1.10	0.15	Balance

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SKU: ER 4043

Price:

Stock: instock

Categories: [Aluminium Alloy Welding Wires](#), [TIG/MIG Filler Wires](#), [Welding Consumables](#), [Welding Filler Wires](#)

Product Description

ER 4043 is Al-Si alloy with good fluidity and is less sensitive to weld cracking and produce good weld. It has moderate electrical conductivity and thermal conductivity it has low welding smut and discoloration. This is non-heat treatable. COMPOSITION OF ALL WELD METAL (%)

Element	Si	Fe	Mn	Cu	Mg	Others	Al
Percent	5.0	0.08	0.15	0.30	1.10	0.15	Balance

ER 4047 Aluminium Brazing Wire



Element	Si	Fe	Mn	Cu	Mg	Others	Al
Percent	12.0	0.08	0.15	0.30	1.10	0.15	Balance

[Read More](#)

SKU: ER 4047

Price:

Stock: instock

Categories: [Aluminium Brazing Wires](#),
[Brazing Wires and Flux](#), [Welding Consumables](#), [Welding Filler Wires](#)

Product Description

ER 4047 is Al-Si alloy having low melting point with good structure and colour match. Low melting point ensure reduction in parent metal distortion. This has increased fluidity and reduced shrinkage due to higher Si content than ER 4043. Not suitable for anodizing. This can be used in applications of sustained elevated temperatures. COMPOSITION OF ALL WELD METAL (%)

Element	Si	Fe	Mn	Cu	Mg	Others	Al
Percent	12.0	0.08	0.15	0.30	1.10	0.15	Balance

ER 5356 Aluminium MIG TIG Welding Wire



Element	Fe	Cu	Mn	Mg	Cr
Percent	0.40	0.10	0.05	4.50	0.05

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SKU: ER 5356

Price:

Stock: instock

Categories: [Aluminium Alloy Welding Wires](#), [TIG/MIG Filler Wires](#), [Welding Consumables](#), [Welding Filler Wires](#)

Product Description

ER 5356 is a general purpose alloy for welding 5000. It has high strength and high ductility. It gives good color match after anodizing with 5xxx/6xxx. It has lower electrical conductivity and thermal conductivity. COMPOSITION OF ALL WELD METAL (%)

Element	Fe	Cu	Mn	Mg	Cr
Percent	0.40	0.10	0.05	4.50	0.05



ER 5183 Aluminium MIG TIG Welding Wire

Element	Si	Fe	Cu	Mn	Mg
Percent	0.25	0.40	0.10	0.05-0.20	4.50-5.50

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SKU: ER 5183

Price:

Stock: instock

Categories: [Aluminium Alloy](#)
[Welding Wires](#), [TIG/MIG Filler Wires](#)
, [Welding Consumables](#), [Welding Filler Wires](#)

Product Description

ER5183 (commonly referred to as AlMg 4.5 Mn) aluminum filler metal contains alloying elements 4.3-5.0% magnesium, 0.5-1.0% manganese as well as chromium and titanium. Available in spools or cut lengths for MIG or TIG processes, this alloy is commonly used on marine components, drilling rigs, cryogenics, railroad cars, storage tanks and unfired pressure vessels. Base metals commonly welded include 5083, 5086 and 5456 to similar base metals or to 5052, 5652 and 5056.



ER CuSn-A Tin Bronze MIG TIG Welding Wires

Element	Cu	Al	P	Pb	Sn
Percent	bal	0.01	0.1	0.02	4-6

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SKU: ER CuSn-A

Price:

Stock: instock

Categories: [Copper Alloy](#)
[Welding Wires](#), [TIG/MIG Filler](#)
[Wires](#), [Welding Consumables](#),
[Welding Filler Wires](#)

Product Description

ER CuSn-A Phosphor Bronze A Electrode is useful for welding copper tin bronzes (Cu-Sn 6-8 %) and some brasses (Cu-Zn). Also suitable for joining wrought copper-tin bronzes and brasses to cast iron and carbon steel. This is recommended for repairing wrought bronzes (Cu-Sn); for surfacing on brasses, steels and cast iron. Some of other applications are as under: • Useful for Joining base metals of similar composition. • Construction of equipment for the chemical industry and petrochemical industry. • Naval constructions and installations for sea water desalination, repair works. COMPOSITION OF ALL WELD METAL (%)

Element	Cu	Al	P	Pb	Sn
Percent	bal	0.01	0.1	0.02	4-6

ER CuNi Copro Nickel TIG MIG Welding Wire



Element	Cu	Fe	Mn	Ni	Si
Percent	bal	0.4-0.7	0.5-1.5	29	0.25

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SKU: ER CuNi

Price:

Stock: instock

Categories: [Copper Alloy](#)
[Welding Wires](#), [TIG/MIG Filler](#)
[Wires](#), [Welding Consumables](#),
[Welding Filler Wires](#)

Product Description

ER CuNi Copper Nickel Electrode offers excellent resistance to the corrosive effects of salt water, is widely used for marine and desalination applications such as Shipbuilding, seawater evaporation plants, tubes, pump building, offshore etc. Also suitable for welding of nonferrous alloys, Dissimilar steel materials. COMPOSITION OF ALL WELD METAL (%)

Element	Cu	Fe	Mn	Ni	Si
Percent	bal	0.4-0.7	0.5-1.5	29	0.25

ER 70S-2 Mild Steel Tig Welding Electrode



Element	C	Mn	Si	S	P	Mo
Percent	0.07	1.10	0.50	0.03	0.02	0.15

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SKU: ER70S-2

Price:

Stock: instock

Categories: [Carbon Steel Welding Wires](#), [TIG/MIG Filler Wires](#), [Welding Consumables](#), [Welding Filler Wires](#)

Product Description

ER70S-2 is triple-deoxidized copper-coated mild steel wire available in bright finish, gives smooth flow, stable arc, and spatter free under optimum welding conditions. It gives radiographic quality welds. Suitable for root run of mild steel pipes.

ER 80S-D2 TIG Low Alloy Welding Wire



Ele	C	Mn	Si	S	P	Mo	Cu
%	0.06	1.2	0.45	0.01	0.012	0.55	0.1

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SKU: ER80S-D2

Price:

Stock: instock

Categories: [Carbon Steel Welding Wires](#), [TIG/MIG Filler Wires](#), [Welding Consumables](#), [Welding Filler Wires](#)

Product Description

ER80S-D2 is a copper coated solid wire available in bright finish, gives smooth flow, stable arc, and spatter free under optimum welding conditions. It gives radiographic quality welds. It is ideally suited for welding low alloy ferritic steels of similar composition.

ER 80S-B2 TIG Low Alloy Welding Wire



Ele	C	Mn	Si	S	P	Cr	Mo	Cu
%	0.08	0.5	0.55	0.01	0.012	1.3	0.55	0.1

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SKU: ER80S-B2

Price:

Stock: instock

Categories: [Cr-Mo Alloyed Welding Wires](#), [TIG/MIG Filler Wires](#), [Welding Consumables](#), [Welding Filler Wires](#)

Product Description

ER80S-B2 is a copper coated welding wire available in bright finish, gives smooth flow, stable arc and spatter free under optimum welding conditions. It gives radiographic quality welds. It is suitable for welding 1.25Cr-0.5Mo steel. The weld metal possesses good high temperature properties. It deposits notch free weld deposits with excellent mechanical properties. Especially suitable for welding of pipes & tubes of matching composition in power plants, refineries, petrochemicals, fertilizer plants etc.



ER 90S-B3 CrMo Alloyed TIG Welding Wire

Ele	C	Mn	Si	S	P	Cr	Ni	Mo
%	0.11	1.1	0.30	0.01	0.01	9.35	0.90	1
Ele	V	Nb	N	Al				
%	0.2	0.03	0.03	0.01				

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SKU: ER90S-B3

Price:

Stock: instock

Categories: [Cr-Mo Alloyed Welding Wires](#),
[TIG/MIG Filler Wires](#), [Welding Consumables](#), [Welding Filler Wires](#)

Product Description

ER90S-B3 is a copper coated welding wire available in bright finish, gives smooth flow, stable arc and spatter free under optimum welding conditions. It gives radiographic quality welds. It is suitable for welding 2.25Cr-1Mo steel. The weld metal possesses good high temperature properties. It deposits notch free weld deposits with excellent mechanical properties. Especially suitable for welding of pipes & tubes of matching composition in power plants, refineries, petrochemicals, fertilizer plants etc.



ER 90S-B9 CrMo Alloy Steel Welding Wire

Ele	C	Mn	Si	S	P	Cr	Ni	Mo
%	0.11	1.1	0.30	0.01	0.01	9.35	0.90	1
Ele	V	Nb	N	Al				
%	0.2	0.03	0.03	0.01				

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SKU: ER90S-B9

Price:

Stock: instock

Categories: [Cr-Mo Alloyed Welding Wires](#),
[TIG/MIG Filler Wires](#), [Welding Consumables](#), [Welding Filler Wires](#)

Product Description

ER90S-B9 is a copper coated solid wire yielding 9% Cr-1%Mo and modified with niobium, vanadium, and nitrogen, designed to provide improved creep strength, toughness, fatigue life, oxidation and corrosion resistance at elevated temperatures. The wire gives stable arc, smooth welding performances and deposits radiographic quality welds. It is designed to weld the materials in power plants and refineries.

Stainless Steel Tig Filler Rods ER 308



Element	C	Mn	Si	Cr	Ni
Percent	0.05	1.40	0.40	19.5	9.50

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SKU: ER308

Price:

Stock: instock

Categories: [Stainless Steel Welding Wires](#), [TIG/MIG Filler Wires](#), [Welding Consumables](#), [Welding Filler Wires](#)

Product Description

The weld metal displays good resistance to cracking, corrosion, and scaling. Ideally suited for welding stainless steel materials of similar composition like AISI 301, 302, 304, 308 etc.

ER 308L Stainless Steel Tig Mig Filler Wire



Element	C	Mn	Si	Cr	Ni
Percent	0.02	1.20	0.40	20	10

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SKU: ER 308L

Price:

Stock: instock

Categories: [Stainless Steel Welding Wires](#), [TIG/MIG Filler Wires](#), [Welding Consumables](#), [Welding Filler Wires](#)

Product Description

ER 308L is solid wire for TIG process, available in bright finish, gives smooth flow, stable arc and spatter free under optimum welding conditions. It gives radiographic quality welds. Wire contains low carbon 20Cr-10Ni. The weld metal exhibits excellent resistance to intergranular Corrosion. It is ideally suited for welding of stainless steels of similar composition like 304L and equivalents, for overlays, surfacing, and repairing castings of similar materials.

CHEMICAL COMPOSITION OF ALL WELD METAL (%)

Element	C	Mn	Si	Cr	Ni
Percent	0.02	1.20	0.40	20	10

ER 309L Stainless Steel Tig Mig Filler Wire



Element	C	Mn	Si	Cr	Ni
Percent	0.02	1.75	0.35	23.3	13.8

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SKU: ER 309L

Price:

Stock: instock

Categories: [Stainless Steel Welding Wires](#), [TIG/MIG Filler Wires](#), [Welding Consumables](#), [Welding Filler Wires](#)

Product Description

ER 309 is a solid wire for TIG welding, available in bright finish, gives smooth flow, stable arc and spatter free under optimum welding conditions. It gives radiographic quality weld deposit. The weld metal has excellent mechanical properties and possesses good oxidation and scaling resistance at elevated temperatures. It is ideally suited for welding stainless steels, wrought and cast materials of similar composition, welding of 18/8 type stainless steels to carbon steels for buffer layers, for welding clad side of 18/8clad stainless steels, etc.

COMPOSITION OF ALL WELD METAL (%)

Element	C	Mn	Si	Cr	Ni
Percent	0.02	1.75	0.35	23.3	13.8/td>

ER 310 Stainless Steel Tig Welding Wire



Element	C	Mn	Si	Cr	Ni
Percent	0.17	2.40	0.50	25.8	21

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SKU: ER 310

Price:

Stock: instock

Categories: [Stainless Steel Welding Wires](#), [TIG/MIG Filler Wires](#), [Welding Consumables](#), [Welding Filler Wires](#)

Product Description

ER 310 is a stainless steel wire for welding steels of similar composition. The weld metal has excellent resistance to oxidation and scaling upto 1200°C. The filler is also suitable for welding of hardenable steels, clad steels, C-Mo, Cr-Mo steels where pre-heat and post weld heat treatment are not feasible.

ER 316 TIG Welding Filler Wire



Element	C	Mn	Si	Cr	Ni	Mo
Percent	0.035	1.75	0.45	18.5	12.5	2.3

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SKU: ER 316

Price:

Stock: instock

Categories: [Stainless Steel Welding Wires](#), [TIG/MIG Filler Wires](#), [Welding Consumables](#), [Welding Filler Wires](#)

Product Description

ER 316L filler metal is primarily used for welding low carbon molybdenum-bearing austenitic alloys. The weld metal displays good crack resistance, excellent creep strength and resists scaling at elevated temperatures up to 850°C. The weld metal has excellent resistance to corrosion and pitting.

ER 316L Stainless Steel TIG Filler Wire



Element	C	Mn	Si	Cr	Ni
Percent	0.02	1.50	0.50	19.0	12.5

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SKU: ER 316L

Price:

Stock: instock

Categories: [Stainless Steel Welding Wires](#), [TIG/MIG Filler Wires](#), [Welding Consumables](#), [Welding Filler Wires](#)

Product Description

ER 316L is a solid wire for TIG welding, available in bright finish, gives smooth flow, stable arc and spatter free under optimum welding conditions. It gives radiographic quality weld deposit. The weld metal has excellent resistance to intergranular corrosion even at elevated temperatures. It is ideal for welding stainless steel of similar composition in wrought or cast form and for overlay application to resist heat and corrosion. It is suitable for number of industries like rayon, dye, paper, chemical, fertilizer, petrochemicals, etc.

COMPOSITION OF ALL WELD METAL (%)

Element	C	Mn	Si	Cr	Ni
Percent	0.02	1.50	0.50	19.0	12.5

ER 347 Stainless Steel TIG Filler Wire



Element	C	Mn	Si	Cr	Ni
Percent	0.04	1.4	0.37	19.15	9.5

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SKU: ER 347

Price:

Stock: instock

Categories: [Stainless Steel](#)
[Welding Wires](#), [TIG/MIG Filler Wires](#), [Welding Consumables](#),
[Welding Filler Wires](#)

Product Description

ER 347 is a solid wire for TIG welding, available in bright finish, gives smooth flow, stable arc and spatter free under optimum welding conditions. It gives radiographic quality weld deposit. The Nb reduces the possibility of intergranular chromium carbide precipitation and thus susceptibility to intergranular corrosion and high temperature strength. It is suitable for welding Cr – Ni stabilized stainless steels of type AISI 347, 321, etc. COMPOSITION OF ALL WELD METAL (%)

Element	C	Mn	Si	Cr	Ni
Percent	0.04	1.4	0.37	19.15	9.5

ER 410 Stainless Steel TIG Welding Wire



Element	C	Mn	Si	Cr	Ni
Percent	0.07	0.8	0.6	12.5	0.35

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SKU: ER 410

Price:

Stock: instock

Categories: [Stainless Steel Welding Wires](#), [TIG/MIG Filler Wires](#), [Welding Consumables](#), [Welding Filler Wires](#)

Product Description

Ideally suited for joining similar alloys, resurfacing of valve seats, steam and gas turbine components. Ideal for joining straight chromium stainless steels.

ER 430 Stainless Steel TIG Welding Wire



Element	C	Mn	Si	Cr	Ni
Percent	0.075	0.60	0.50	17	0.35

[Read More](#)

SKU: ER 430

Price:

Stock: instock

Categories: [Stainless Steel Welding Wires](#), [TIG/MIG Filler Wires](#), [Welding Consumables](#), [Welding Filler Wires](#)

Product Description

The weld deposit displays good resistance to corrosion and heat. The electrode is suitable for joining stainless steels of similar composition. It is also suitable for surfacing carbon steels, low alloy steels, and chromium steels. Typical applications include surfacing of valves, impellers, turbine blades etc.

ER 2209 Duplex Stainless Steel TIG Filler Rod



Element	C	Mn	Si	Cr	Ni	Mo	N
Percent	0.035	1.50	0.4	22	9.4	2.9	0.14

[Read More](#)

SKU: ER 2209

Price:

Stock: instock

Categories: [Stainless Steel Welding Wires](#), [TIG/MIG Filler Wires](#), [Welding Consumables](#), [Welding Filler Wires](#)

Product Description

E2209 is a specially formulated electrode depositing a stainless steel weld metal and is ideal for welding duplex stainless steels. The weld metal possesses excellent corrosion resistance in marine environments.
